CAB INTERNATIONAL
MYCOLOGICAL INSTITUTE
LIBRARY
20 APR 1993

INDEX TO KEW BULLETIN
Volume 46

Principal references are indicated † and illustrations *

Abarema Pittier 493-4
—— *claviflora* (Spruce ex Benth.) Kleinh. 515
Abrotanella rhynchocarpa 352
Acacia acuifera Benth. 520
—— *flexicaulis* Benth. 519
—— *thibaudiana* DC. 159, 160
Acanthaceae: Brillantaisia P. Beauv. (Acanthaceae), a new generic record for Asia, L.H. Cramer 335
Acanthaceae: The identity of Asystasia striata S. Moore (Acanthaceae), C.A. Furness & K. Vollesen 729
Acanthaceae: A new combination for a Malawian Peristrophe (Acanthaceae), R.K. Brummitt 290
Acanthaceae 2, 3, 5, 6, 8, 327, 338, 411
—— subfam. *Acanthoideae* 2, 3
—— subfam. *Ruellioideae* 5
—— tribe *Acantheae* 2, 5, 51
—— tribe *Justicieae* 729
Acanthaceae: Acantheae: The pollen morphology of Sclerochiton (Acanthaceae: Acantheae), C.A. Furness 51
Acanthaceae: Acantheae: A revision of the African genus Sclerochiton (Acanthaceae: Acantheae), Kaj Vollesen 1
Acanthoideae tribe *Acantheae* 2
Acanthopsis 3-5
Acanthus L. 3-5, 51, 53
—— *kirkii* T. Anderson 17
—— *nitidus* S. Moore 48
Acoraceae 606
Acorus 606
Actinoscirpus: Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae), P. Goetghebeur & D.A. Simpson 169
Actinoscirpus 170, 176
—— (Ohwi) Haines & Lye 169, 176
—— Ohwi 170
—— *grossus* (L.f.) Goetghebeur & D.A. Simpson †171-2
Adenosma thwaitesii T. Anders. 335, 338
Adiantaceae: A new combination in Adiantum (Adiantaceae), B. Verdcourt 272
Adiantum: A new combination in Adiantum (Adiantaceae), B. Verdcourt 272
Adiantum comoroense (Tard.) Verdc. †272
—— *confine* sensu Peter 272
—— —— Fée 272
—— *latifolium* Lam. 194
—— *pulverulentum* L. 194
—— *rhizophorum* Sw. 272
—— —— var. *comoroense* Tard. 272
—— *stolzii* Brause 272
Afrardisia Mez 421
Africa: A new species of Turraea (Meliaceae) from Somalia and a note on the species in continental Africa, Martin Cheek 683
Africa, East: Four new species of Lindernia (Scrophulariaceae) from East Africa, Eberhard Fischer & F. Nigel Hepper 529
Africa, northeast tropical: Four new species of Eragrostis (Gramineae) from northeast tropical Africa, S.M. Phillips 111
African: Notes on African Euphorbiaceae XXV: Jatropha (vi), A. Radcliffe-Smith 141
African: A revision of the African genus Sclerochiton (Acanthaceae: Acantheae), Kaj Vollesen 1
African, northeast: Gyrocarpus angustifolius (Hernandiaceae), a distinct northeast African tree species, Mats Thulin 277
Afrostyrax Perkins & Gilg 422
Agathis australis 77
Aglaia roxburghiana Miq. 423
—— *sapindina* Harms 423
Albizia saman (Jacq.) F. v. Muell. 520
Aleurites 545
Alismatiflorae 606
Alnus 414
Amaranthaceae: A new genus of Amaranthaceae from Somalia. Notes on Amaranthaceae: XXII, C.C. Townsend 101
Amaranthaceae: A new suffruticose Psilotrichum from Tanzania. Notes on Amaranthaceae: XXIII, C.C. Townsend 573
Amaranthaceae 101, 103, 573, 575
Amazonia: Some effects of colonization on the tropical flora of Amazonia: a case study from Rondônia, Pedro L.B. Lisboa, Ubirajara N. Maciel & Ghillean T. Prance 187
Amentiferae 416
Amoora Roxb. 423
—— *rubiginosa* Hiern 423
Amorphophallus 131
Amphiscirpus: Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae), P. Goetghebeur & D.A. Simpson 169
Amphiscirpus Oteng-Yeboah 169, †175-6
—— *nevadensis* (S. Watson) Oteng-Yeboah 169, †176
Anacardiaceae †542
Aningeria pseudoracemosa J.H. Hemsley 403
Annonaceae 411
Anogeissus bentii 327
Another new combination in Pseudopiptadenia (Leguminosae-Mimosoideae), G.P. Lewis 358
Ansari, R. & Balakrishnan, R.: A Revision of the Indian Species of Oberonia (Orchidaceae). Orchid Monographs Vol. 4 (Rev.) 577
Antholucuma 408, 410, 413
Apeiba albiflora Ducke 195-6
Aphanomixis Blume 423
Apodocephala 353

Arabia

Arabia: The identity, typification and distribution of Salsola imbricata Forsskål. Studies in the Chenopodiaceae of Arabia 1, Loutfy Boulos 137
Arabia: A new species of Periploca (Asclepiadaceae) from southwest Arabia, D.J. Goyder & L. Boulos 133
Arabia: Notes on Suaeda Forssk. ex Scop. Studies in the Chenopodiaceae of Arabia: 2, Loutfy Boulos 291
Arabia: A synopsis of Chenopodium L. Studies in the Chenopodiaceae of Arabia: 4, Loutfy Boulos 301
Araceae: A new combination in Typhonium (Araceae), J. Murata & S.J. Mayo 129
Araceae: A revision of Philodendron subgenus Meconostigma (Araceae), S.J. Mayo, 601
Araceae: The systematic position of Arisaema nepenthoides and A. wattii (Araceae), Jin Murata 119
Araceae 131, 627, 632, 660, 676
—— subfam. *Lasioideae* 613
—— subfam. *Philodendroideae* 602, 613
—— tribe *Areae* 131
Ardisia Sw. 421
Areceae subfam. *Manicariinae* 66
—— *Iguanurinae* 66
Argania 396, 470, 479
—— *spinosa* (L.) Skeels 397, 479
Arisaema nepenthoides: The systematic position of Arisaema nepenthoides and A. wattii (Araceae), Jin Murata 119
Arisaema wattii: The systematic position of Arisaema nepenthoides and A. wattii (Araceae), Jin Murata 119
Arisaema 119, 123, 128-129
—— sect. *Arisaema* Hara 119, †124
—— sect. —— Murata 123
—— sect. *Colocasiarum* Nakai 127
—— sect. *Franchetianum* 124
—— sect. *Nepenthoidea* Engler 125
—— sect. *Pedatisecta* Schott ex Engler 123-4, †127
—— sect. *Peltatisecta* Schott 124
—— sect. *Pistillata* Engler 119, 127
—— sect. *Ringentia* Engler 127
—— sect. *Trisecta* Schott 124
—— *abei* Serizawa 127
—— *amurense* Maxim. 127
—— *aprile* J. Murata 127
—— *auriculatum* auct. non Buchet 126
—— —— Buchet 120
—— —— W.W. Sm. 120
—— *biauriculatum* W.W. Smith ex Hand.-Mazz. 119, 121, 126
—— *bockii* Engler 123, 127
—— *candidissimum* W.W. Sm. 124
—— *costatum* (Wallich) Martius 124
—— *cucullatum* M.Hotta 124, 127
—— *engleri* Pampan. 127
—— *franchetianum* Engler 124
—— *hirsutum* S.Y. Hu 129
—— *iyoanum* Makino 127
—— *japonicum* Blume 123, 127
—— *kawashimae* Serizawa 127
—— *kishisae* Makino 127
—— *kuratae* Serizawa 127
—— *lobatum* Engler 122-3, 126-7
—— *longipedunculatum* M. Hotta 127

Arisaema

Arisaema maximowiczii (Engler) Nakai 127
—— *meleagris* Buchet 127
—— *minamitanii* Serizawa 127
—— *minus* (Serizawa) J. Murata 127
—— *monophyllum* Nakai 127
—— *nepenthoides* (Wallich) Martius 119, 122-4, †125-6
—— *nikoense* Nakai 127
—— *ogatae* Koidz. 127
—— *ovale* Nakai 127
—— *quinatum* (Nutt.) Schott 127
—— *ringens* Schott 127
—— *sachalinense* (Miyabe & Kudo) J. Murata 127
—— *sazensoo* (Blume) Makino 124, 127, 131
—— *seppikoense* Kitamura 123, 127
—— *serratum* (Thunberg) Schott 127
—— *sikokianum* Makino 127
—— *tashiroi* Kitamura 127
—— *ternatipartitum* Makino 127
—— *tosaense* Makino 127
—— *triphyllum* (L.) Torrey 127
—— *undulatifolium* Nakai 127
—— *wattii* J.D. Hooker 119, 121-5, †126
—— *yamatense* (Nakai) Nakai 127
Arthrosamanea 493
Arum 618
—— *nepenthoides* Wallich 125
—— *pinnatifidum* Vellozo 634
Asclepiadaceae: The distribution and synonymy of Tylophora biglandulosa (Asclepiadaceae), Paul I. Forster 563
Asclepiadaceae: A new combination in Wattakaka (Asclepiadaceae), A.P. Jagtap & N.P. Singh 359
Asclepiadaceae: A new species of Periploca (Asclepiadaceae) from southwest Arabia, D.J. Goyder & L. Boulos 133
Asclepiadaceae 327, 359
—— tribe *Marsdenieae* 359
Asia: Brillantaisia P. Beauv. (Acanthaceae), a new generic record for Asia, L.H. Cramer 335
Aspidosperma sp. 199
Asplenium auritum Sw. 194
—— *serratum* L. 194
Astronium lecointei Ducke 199
Asystasia striata S. Moore: The identity of Asystasia striata S. Moore (Acanthaceae), C.A. Furness & K. Vollesen 729
Asystasia 729-31
—— *charmian* 729
—— *striata* S. Moore 729, 731
—— *welwitschii* 729
Atkins, Sandy: Stachytarpheta sericea Atkins (Verbenaceae) and its hybrid with S. chamissonis Walp. 281
Aubregrinia Heine 398, 485
—— *taiensis* Aubrév. & Pellegr. 399, 485
Aucumea Pierre 422
Aulandra 389, 470, 476
—— *longifolia* Lam 390, 476
Australia: Hildegardia (Sterculiaceae) new to Australia, Martin Cheek & Greg Leach 72
Australian: Three Australian species of Cheilanthes: a response to P.S. Green, T.C. Chambers & P.A. Farrant 727
Autranella Chev. 394, 470, 472
—— *congolensis* (De Wild.) Chev. ex Aubrév. & Pellegr. 395, 472

Baccharis

Baccharis viscosa Lam. 347
Badula A. Juss. 421
Baillonella Pierre 382, 470
Barbieria DC. 320
—— *maynensis* Poepp. & Endl. 320
—— *pinnata* (Pers.) Baill. 320
—— *polyphylla* (Poir.) DC. 320
Barbosa Cavalcanti, Taciana: New species of Cuphea (Lythraceae) from Brazil 253
Baum, Nathalie: Arbres et arbustes de l'Égypte ancienne (Rev.) 361
Baursea subgen. *Meconostigma* (Schott) Post & Kuntze 628
Bentia fruticulosa 327
Berg, C.C., Akkermans, R.W.A.P. & van Heusden, E.C.H.: Cecropiaceae: Coussapoa and Pouruma, with an introduction to the family (Notice) 744
Bertholletia excelsa H. & B. 194, 199
Betulaceae 411
Bhandari, M.M.: Flora of the Indian Desert (Notice) 745
Biarum 131
Biju, S.D. & Mathew, Philip: Lepistemon verdcourtii, a new species of Convolvulaceae from India, with notes on L. binectariferum and L. leiocalyx 559
Bismarckia nobilis 68
Blepharis Juss. 3-5, 48, 51, 53
—— subgen. *Acanthodium* 3-5, 48
—— subgen. *Blepharis* 3, 4
—— sect. *Blepharopsis* 5
Bolboschoenus: Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae), P. Goetghebeur & D.A. Simpson 169
Bolboschoenus (Ascherson) Palla 169, 170, 172, 176
—— *maritimus* 172-3
—— *nobilis* (Ridley) Goetghebeur & D.A. Simpson †173

Book Reviews & Notices:-
Aquatic Weeds: The Ecology and Management of Nuisance Aquatic Vegetation, by A.H. Pieterse & K.J. Murphy (Eds.) 584
Arbres et arbustes de l'Égypte ancienne, by Nathalie Baum 361
The Carnivorous Plants, by B.E. Juniper, R.J. Robins & D.M. Joel 179
Catalogue of the Flora of Missouri, by G. Yatskievych & J. Turner 746
Cecropiaceae: Coussapoa and Pouruma, with an introduction to the family, by C.C. Berg, R.W.A.P. Akkermans & E.C.H. van Heusden 744
Contribución a la Flora de la Amazonia Peruana. Los árboles del Arborétum Jenaro Herrera. Volumen 1, Moraceae a Leguminosae, by Rodolphe Spichiger, Jacqueline Méroz, Pierre-André Loizeau & Liliane Stutz de Ortega 587
Coppiced woodlands: their management for wildlife, by R.J. Fuller & M.S. Warren 598
Drug-Plant Resources of Central India (An Inventory), by R.C. Srivastava 588

Book Reviews
The Evolution and Classification of Flowering Plants, second edition, by Arthur Cronquist 364
Evolution, Systematics and Fossil History of the Hamamelidae: Systematics Association. Special Volume Nos. 40A & B. Vol. 1: Introduction and "Lower' Hamamelidae; Vol. 2 'Higher' Hamamelidae, by Peter R. Crane & Stephen Blackmore 577
Field Guide to Eucalypts: Vol. 2. Southwestern and Southern Australia, by M.I.H. Brooker & D.A. Kleinig 741
Field Guide to the Forest Trees of Ghana. Ghana Forestry Series 1, by W. Hawthorne 581
Flora i vegetació del Montsec (Pre-Pirineus Catalans), by Angel M. Romo i Díez 585
Flora Iranica. No. 165. Liliaceae II, by K.H. Rechinger, K. Browicz, K. Persson & P. Wendelbo 584
Flora of Australia Vol. 45. Podostemaceae-Combretaceae, by A.S. George (Exec. Ed.) 746
Flora of Bilaspur District, M.P. Vol. 1, Ranunculaceae to Convolvulaceae, by G. Panigrahi & S.K. Murti 182
Flora of South-eastern Queensland. Volume 3, by T.D. Stanley & E.M. Ross 374
Flora of the East Riding of Yorkshire, by F.E. Crackles & R.R. Arnett (Ed.) 363
Flora of the Indian Desert, by M.M. Bhandari 745
Flower Artists of Kew, by William T. Stearn 589
The Four Faces of Fourcade. A biography of a remarkable Forester, Land Surveyor, Botanist and Photogrammetrist, by Clare D. Storrar 599
The genus Utricularia—a taxonomic monograph. Kew Bulletin Additional Series XIV, by Peter Taylor 183
Ginseng: A Concise Handbook, by J.A. Duke 579
Glossarium Polyglottum Bryologiae. A multilingual glossary for bryology. Monograph in Systematic Botany from the Missouri Botanical Garden No. 333, by R.E. Magill (Ed.) 367
Grasses of Southern Africa, by G.E. Gibbs, Russell L. Watson, M. Koekemoer, L. Smook, N.P. Barker, H.M. Anderson, M.J. Dallwitz & O.A. Leistner (Ed.) 580
Guide to the Vascular Plants of the Blue Ridge, by B. Eugene Wofford 186
Hardy Orchids, by Phillip Cribb & Christopher Bailes 363
IAWA list of microscopic features for hardwood identification by an IAWA Committee. IAWA Bulletin n.s. 10 (3), by E.A. Wheeler, P. Baas & P.E. Gasson (Eds.) 376
Index to plant chromosome numbers 1986-1987, by Peter Goldblatt & Dale E. Johnson (Eds.) 599
An introduction to tropical rain forests, by T.C. Whitmore 597
Isozymes in Plant Biology, by D.E. Soltis, P.S. Soltis (Eds.) & Theodore R. Dudley (Gen. Ed.) 587
John Lightfoot. His Work and Travels with a Biographical Introduction and a

Book Reviews

Catalogue of the Lightfoot Herbarium, by Jean K. Bowden 362
Manual of the Flowering Plants of Hawai'i, by Warren L. Wagner, Derral D. Herbst & S.H. Sohmer 595
Morphology of flowers and inflorescences, by F. Weberling & R.J. Pankhurst (Transl.) 375
New Zealand Journal of Zoology. Panbiogeography special issue. Vol. 16 No. 4, by Craig Matthews (Ed.) 185
Noteworthy species of Grammitidaceae from South-east Asia, by B.S. Parris 583
An Oak Spring Sylva; a selection of the rare books on trees in the Oak Spring Garden Library, by Sandra Raphael 368
Plant Nematodes and their control (Phytonematology), by Heinz Decker 598
Plant Taxonomy, Phytogeography and Related Subjects: The Davis and Hedge Festschrift, by Kit Tan (Ed.) 183
Plant Taxonomy. The Systematic Evaluation of Comparative Data, by T.F. Stuessy 590
Plantas Vasculars del quadrat UTM 31T CG46 Abella de la Conca, by Angel M. Romo i Díez 585
A Revision of the Indian Species of Oberonia (Orchidaceae). Orchid Monographs. Vol. 4, by R. Ansari, R. Balakrishnan 577
A Revision of the North American Genus Callirhoe (Malvaceae), by Lawrence J. Dorr 745
Simposio Ecofisiologia. Vol.V, Anales del IV Congreso Latinamericano de Botanica, Colombia, 1986, by Ernesto Medina (Coordinator) 600
Species Dispersal in Agricultural Habitats, by R.G.H. Bunce & D.C. Howard (Eds.) 742
The Structural Biology of Palms, by P.B. Tomlinson 593
Transformed cladistics, taxonomy and evolution, by N.R. Scott-Ram 369
Trees of Nigeria, by R.W.J. Keay 366
Where the Blue Poppies bloom, by Eiko Chiba 598
Woodland rides and glades: their management for wildlife, by M.S. Warren & R.J. Fuller 598

Bougainville: Coelogyne susanae, a new species of Orchidaceae from the Solomon Islands and Bougainville, B.A. Lewis & P.J. Cribb 317
Boulos, L. & Goyder, D.J.: A new species of Periploca (Asclepiadaceae) from southwest Arabia 133
Boulos, Loutfy: The identity, typification and distribution of Salsola imbricata Forsskål. Studies in the Chenopodiaceae of Arabia: 1 137
Boulos, Loutfy: A new species of Salsola from Oman. Studies in the Chenopodiaceae of Arabia: 3 297
Boulos, Loutfy: Notes on Suaeda Forssk. ex Scop. Studies in the Chenopodiaceae of Arabia: 2 291

Boulos

Boulos, Loutfy: A synopsis of Chenopodium L. Studies in the Chenopodiaceae of Arabia: 4 301
Bowden, Jean K.: John Lightfoot. His Work and Travels with a Biographical Introduction and a Catalogue of the Lightfoot Herbarium (Rev.) 362
Brachiaria humidicola 202
—— *ovalis* Stapf 537
—— *pubescens* (Chiov.) S.M. Phillips †536-537
—— *ramosa* (L.) Stapf 537
—— *serrifolia* 537
—— —— (Hochst.) Stapf var. *pubescens* Chiov. 536
Brazil: Five new taxa of Piptadenia (Leguminosae: Mimosoideae) from Brazil, G.P. Lewis 159
Brazil: New species of Cuphea (Lythraceae) from Brazil, Taciana Barbosa Cavalcanti 253
Brazil: A new species of Vellozia from the Espinhaço Range, Brazil, with some considerations on the section Xerophytoides, Renato de Mello-Silva 321
Breviea Aubr. & Pellegr. 398, 485
—— *leptosperma* (Baehni) Heine 401, 485
Brillantaisia P. Beauv. (Acanthaceae), a new generic record for Asia, L.H. Cramer 335
Brillantaisia P. Beauv. 335, †336, *337
—— *owariensis* P. Beauv. 336
—— *pubescens* T. Anders. ex Oliv. 336
—— *thwaitesii* (T. Anders.) Cramer 336, †338
Bromeliaceae 655
Brooker, M.I.H. & Kleinig, D.A.: Field Guide to Eucalypts: Vol. 2. Southwestern and Southern Australia (Rev.) 741
Brummitt, R.K.: A new combination for a Malawian Peristrophe (Acanthaceae) 290
Brummitt, R.K. & Paton, A.J.: A new species of Plectranthus (Labiatae) from Malawi and adjacent countries 523
Bryum coronatum Schwaeger 195-6
Bumelia 382
Bunce, R.G.H. & Howard, D.C. (Eds.) : Species Dispersal in Agricultural Habitats (Rev.) 742
Burckella 386, 408, 470, 477
—— *banikiensis* (Royen) T.D. Penn. 387, 477
—— *fijiensis* (Hemsl.) A.C. Smith & Darwin 389, 477
—— *macropoda* (Krause) Lam 387, 477
—— *obovata* (Forster) Pierre 389, 477
—— *parviflora* A.C. Smith & Darwin 389
—— *parvifolia* 477
Bursera Jacq. 422
Burseraceae 417, 420-3, †539
Butayea De Wild. 2, 8
—— *congolana* De Wild. 8, 45
Butyrospermum 418
—— *parkii* 416

Cabralea A. Juss. 423
Callicosta evanescens C. Müll. 196
Callozygia 502

Camassia

Camassia: Heterochromatin and genome size in Fortunatia and Camassia (Hyacinthaceae), A. Fernandez & J.R. Daviña 307
Camassia Lindl. 307-8, 310, 313-5
—— *cusickii* Wats. 307-8, 310, 313-4
—— *howellii* Wats. 307
—— *leichtlinii* (Baker) Wats. 307-8, 310, 313-4
—— —— subsp. *suksdorfii* 308
—— *quamash* (Pursh) Greene 307-8, 310, 313-4
—— *sciloides* (Raf.) Cory 307
Campylocentrum micranthum (Lindl.) Rolf. 192
Canarium (Rumph.) L. 417, 423
Capurodendron Aubrév. 396, 471, 491
—— *bakeri* (Elliott) Aubrév. 397, 491
—— *rubrocostatum* (Jum. & Perrier) Aubrév. 397, 491
Carapa Aubl. 423
Cardanthera Buch.-Ham. ex Benth. & Hook.f. 335
—— *thwaitesii* (T. Anders.) Benth. 335-6, 338
Carex 175
Caroxylon foetidum 138
—— *imbricatum* (Forskål) Moq. 138-9
Cassia lucens Vog. 198
—— *multijuga* L.C. Rich. 195, 198
Castilla ulei Warb. 194
Catasetum saccatum Lindl. var. *chrystianum* (Reichb.f.) Mans. 192
—— sp. aff. *macrocarpum* L.C. Rich. 192
Cattleya violacea Lindl. 192
Cecropia sciadophylla Mart. 195, 198
Cedrela odorata L. 194-5
Ceiba pentandra Gaertn. 194
Celastraceae 540
Celastrus paniculatus Willd. 540
—— —— subsp. *aggregatus* K. Matthew †540, *541, *542
—— —— subsp. *paniculatus* †540
Centemopsis kirkii (Hook.f.) Schinz 103
Cercestis 602, 613
Chambers, T.C. & Farrant, P.A.: Three Australian species of Cheilanthes: a response to P.S. Green 727
Cheek, M. *Reviewer*: Evolution and Classification of Flowering Plants, second edition, by Arthur Cronquist 364
Cheek, Martin *Reviewer*: Carnivorous Plants, by B.E. Juniper, R.J. Robins & D.M. Joel 179
Cheek, Martin & Leach, Greg: Hildegardia (Sterculiaceae) new to Australia 72
Cheek, Martin: A new species of Turraea (Meliaceae) from Somalia and a note on the species in continental Africa 683
Cheek, Martin *Reviewer*: Field Guide to the Forest Trees of Ghana. Ghana Forestry Series 1, by W. Hawthorne 581
Cheilanthes: Three Australian species of Cheilanthes: a response to P.S. Green, T.C. Chambers & P.A. Farrant 727
Cheilanthes 728
—— *brownii* (Kuhn) Domin †728
—— *humilis* 727
—— *sieberi* Kunze †727
—— —— subsp. *pseudovellea* Quirk & Chambers 727
—— *tenuifolia* (Burm.f.) Sw. 727-8

Cheilolejeunia

Cheilolejeunia sp. 196
Chenopodiaceae: The identity, Typification and distribution of Salsola imbricata Forsskål. Studies in the Chenopodiaceae of Arabia 1, Loutfy Boulos 137
Chenopodiaceae: A new species of Salsola from Oman. Studies in the Chenopodiaceae of Arabia: 3, Loutfy Boulos 297
Chenopodiaceae: Notes on Suaeda Forssk. ex Scop. Studies in the Chenopodiaceae of Arabia: 2, Loutfy Boulos 291
Chenopodiaceae: A synopsis of Chenopodium L. Studies in the Chenopodiaceae of Arabia: 4, Loutfy Boulos 301
Chenopodium: A synopsis of Chenopodium L. Studies in the Chenopodiaceae of Arabia: 4, Loutfy Boulos 301
Chenopodium aegyptiacum Hasselq. 294-5
—— *album* L. 302, †304, *305
—— *ambrosioides* L. 301, *302, †303
—— *baryosmon* Schult. ex Roem. & Schult. 138-9
—— *botrys* L. 301, *303, †304
—— *carinatum* R. Br. 301, †*302
—— *fasciculosum* Aellen var. *muraliforme* Aellen 302, †304, *305
—— *ficifolium* Sm. 302, †304, *305
—— *fruticosum* 294
—— *glaucum* L. 301, *303, †304
—— *murale* L. 301, *303, †304
—— *opulifolium* Schrad. ex Koch & Ziz. 302, †304, *305
—— *procerum* Hochst. ex Moq. 301, *302, †304
—— *schraderianum* Schult. 301, *302, †303
—— *vulvaria* L. 301, *303, †304
Chiba, Eiko: Where the Blue Poppies bloom (Notice) 598
Chionanthus L. †273-4
—— *domingensis* auct., non Lam. 274
—— —— Lam. 273-4
—— *ligustrinus* (Sw.) Pers. 273, †274
—— *oblanceolatus* (Robinson) P.S. Green †273
—— *panamensis* (Standl.) Stearn †273, †274
Chisocheton Blume 423
Chlorogalum 315
Chloroleucon Britton & Rose 493-4, 519
—— *ebano* (Berl.) L. Rico 519
Chromolucuma Ducke 404, 410, 470, 485
—— *baehniana* Monachino 405, 485
—— *rubriflora* Ducke 405, 485
Chrysalidocarpus lutescens 68
—— *madagascariensis* 68
Chrysobalanaceae: Two new species of Neotropical Chrysobalanaceae, G.T. Prance 105
Chrysobalanaceae 105
Chrysophylleae 402-3, 405, 408
Chrysophyllum 391-3, 398-402, 406, 409-10, 417-8, 420, 470, 486
—— sect. *Aneuchrysophyllum* Engl. 392-3, 400-2, 470, 486
—— sect. *Chrysophyllum* 392, 400-1, 406, 471, 487
—— sect. *Donella* (Pierre ex Baill.) Engl. 399, 401, 470, 486
—— sect. *Prieurella* (Pierre) Pennington 399, 401, 471, 487
—— sect. *Ragala* (Pierre) Pennington 399, 470, 486

Chrysophyllum
Chrysophyllum sect. *Villocuspis* 399, 401, 471, 488
—— *albidum* Don 401, 486
—— *amazonicum* T.D. Penn. 399, 487
—— *argenteum* 420
—— —— Jacq. subsp. *argenteum* 401, 487
—— —— Jacq. subsp. *auratum* (Miq.) Penn. 400, 487
—— *bangueolense* Fries 401, 486
—— *beguei* Aubrév. 401, 486
—— *boivinianum* (Pierre) Baehni 400, 486
—— *brevisulcatum* Frederiksen 418
—— *cainito* L. 401, 487
—— *colombianum* (Aubrév.) T.D. Penn. 401, 487
—— *cuneifolium* (Rudge) A. DC. 399, 487
—— *eximium* Ducke 393, 486
—— *flexuosum* Mart. 399, 488
—— *giganteum* Fries 401, 486
—— *gonocarpum* (Mart. & Eichl.) Engl. 400-1, 486
—— *hirsutum* Cronq. 401, 487
—— *imperiale* (Linden) Benth. & Hook. 392, 486
—— *inornatum* Mart. 406, 487
—— *lanatum* T.D. Penn. 402, 486
—— *lucentifolium* Cronq. subsp. *pachycarpum* Pires & T.D. Penn. 401, 486
—— *marginatum* (Hook. & Arn.) Radlk. subsp. *marginatum* 406, 410, 487
—— *mexicanum* Brand. 401, 488
—— *oliviforme* L. 392, 488
—— *ovale* Rusby 401, 488
—— *pomiferum* (Eyma) T.D. Penn. 400, 486
—— *pruniforme* Pierre 400, 486
—— *roxburghii* Don 401, 486
—— *rubriflora* Ducke 405
—— *rufum* Mart. 392, 408, 410, 488
—— *sanguinolentum* (Pierre) Baehni subsp. *balata* (Ducke) T.D. Penn. 399, 486-7
—— *sparsiflorum* Klotsch ex Miq. 401, 488
—— *splendens* Sprengel 401, 488
—— *venezuelanense* (Pierre) T.D. Penn. 400-1, 486
—— *viride* Mart. & Eichl. ex Miq. 401, 486
—— *viridifolium* Wood & Franks 401, 486
—— *welwitschii* Engl. 399, 400, 486
—— Jacq. subsp. *argenteum* 401
—— sp. 399, 400, 486
—— sp. aff. *flexuosum* 401, 488
Cipadessa Blume 423
Claoxylon polyandrum Pax & K. Hoffm. 333
Clayton, W.D. *Reviewer*: Grasses of Southern Africa, by G.E. Gibbs, Russell L. Watson, M. Koekemoer, L. Smook, N.P. Barker, H.M. Anderson, M.J. Dallwitz & O.A. Leistner (Ed.) 580
Clitoria: A new combination in Clitoria (Leguminosae-Papilionoideae), R.H. Smith & G.P. Lewis 320
Clitoria L. 320
—— *pinnata* (Pers.) R.H. Smith & G.P. Lewis †320
—— *polyphylla* Poir. 320
Coccomyces De Not. 74, 77, 78, 92, 97
—— *delta* (Kunze) Sacc. 78
—— *tumidus* (Fr.) de Not. 78
—— *vilis* Sydow & Butler 92
Cochlospermum orinocense (Kunth) Steud. 195, 198

Cocos
Cocos nucifera L. 253
Coelogyne susanae, a new species of Orchidaceae from the Solomon Islands and Bougainville, B.A. Lewis & P.J. Cribb 317
Coelogyne 317
—— *beccarii* Reichb.f. 319
—— *fragrans* 319
—— *macdonaldii* F. Muell. & Kraenzl. †317, 319
—— *susanae* Cribb & B. Lewis †317, *318, 319
Cojoba: New species, combinations and synonyms for Zygia, Cojoba, Marmaroxylon and Pithecellobium (Leguminosae-Mimosoideae, Ingeae), Maria de L. Rico-Arce 493
Cojoba 493-4, †507, 514
—— *arborea* (L.) Britton & Rose 507
—— *austrina* (Standley & L. Williams) L. Rico †507
—— *chazutensis* (Standley) L. Rico †507
—— *donnell-smithii* Britton & Rose †507
—— *erythrocarpa* Britton & Rose 512
—— *escuintlensis* (Lundell) L. Rico †507
—— *glabra* 514
—— *graciliflora* Britton & Rose 512
—— *haematoloba* L. Rico †507, *509, 510
—— *mariaelenae* L. Rico *509, †510, 511
—— *matudai* (Lundell) L. Rico †511
—— *membranacea* (Benth.) L. Rico †511
—— *micrantha* (Benth.) Britton & Rose 520
—— *recordii* 507, 510
—— *rufescens* (Benth.) Britton & Rose †511, 515
—— *siltepecensis* (Lundell) L. Rico †511
—— *sophorocarpa* (Benth.) Britton & Rose 511
—— *undulatomarginata* L. Rico †512, *513-4
—— *whitefoordiae* L. Rico †514-5
Colophospermum mopane 524
Combretaceae 327
Commiphora N.J. Jacquin †539
—— *caudata* (Wight & Arn.) Engl. †539
—— —— var. *caudata* †539
—— —— var. *pubescens* (Wight & Arn.) K. Matthew †540
—— *pubescens* (Wight & Arn.) Engl. 539, 540
Comoro Is.: Notes on Madagascan Euphorbiaceae IV: The genus Suregada in Madagascar and the Comoro Is., A. Radcliffe-Smith 711
Compositae: Notes on Dicoma Cass. (Compositae) G.V. Pope 699
Compositae tribe *Anthemideae* 352
—— tribe *Astereae* 339, 352
Compositae-Astereae: Notes on Compositae-Astereae for the 'Flore des Mascareignes', A.J. Scott 339
Convolvulaceae: Lepistemon verdcourtii, a new species of Convolvulaceae from India, with notes on L. binectariferum and L. leiocalyx, Philip Mathew & S.D. Biju 559
Convolvulus binectariferum 559
Conyza coronopus Lam. 352
—— *melastomatoides* Lam. 347
—— *melastomoides* 347
Cook, Christopher *Reviewer*: The genus Utricularia-a taxonomic monograph. Kew Bulletin Additional Series XIV, by Peter Taylor 183

Cope, T.A.
Cope, T.A.: A new species of Dignathia (Gramineae) from Kenya 710
Corchorus: A new species of Corchorus (Tiliaceae) from Somalia, Sebsebe Demissew 355
Corchorus 355, 357
—— *baldaccii* Mattei 355, 357
—— *depressus* (L.) Chr. 357
—— *erodioides* Balf.f. 357
—— *parvifolius* Sebsebe †355, *356-7
—— sp. 355
Couepia 107
—— *dolichopoda* 109
—— *glabra* 109
—— *guianensis* Aubl. 107
—— *joaquinae* Prance †107, *108-9
—— *longipendula* 109
—— *paraensis* 109
—— *reflexa* Ducke 107, 109
Couratari guianensis Aubl. 194
Crackles, F.E. & Arnett, R.R. (Ed.): Flora of the East Riding of Yorkshire (Rev.) 363
Cramer, L.H.: Brillantaisia P. Beauv. (Acanthaceae), a new generic record for Asia 335
Crane, Peter R. & Blackmore, Stephen: Evolution, Systematics and Fossil History of the Hamamelidae: Systematics Association Special Volume Nos. 40A & B. Vol. 1: Introduction and 'Lower' Hamamelidae; Vol. 2 'Higher' Hamamelidae (Rev.) 577
Crassulaceae: Pollen morphology of Jovibarba Opiz and Sempervivum L. (Crassulaceae) J. Parnell 733
Crassulaceae 733
Craterostigma 529
Crepidospermum Hook.f. 417, 423
Cribb, P.J. & Lewis, B.A.: Coelogyne susanae, a new species of Orchidaceae from the Solomon Islands and Bougainville 317
Cribb, Phillip & Bailes, Christopher: Hardy Orchids (Rev.) 363
Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae), P. Goetghebeur & D.A. Simpson 169
Cronquist, Arthur: Evolution and Classification of Flowering Plants, second edition (Rev.) 364
Crossandra Salisbury 3, 5, 25, 51, 53
—— *grandidieri* (Baillon) Benoist 50
—— *stenostachya* (Lindau) C.B. Clarke 50
Crossandrella 3
—— *dusenii* (Lindau) S. Moore 50
Crossomitrium sp. 196
Croton capitis-york: Variation in Croton capitis-york (Euphorbiaceae), Paul I. Forster 569
Croton capitis-york Airy Shaw †569, 570, *571
—— —— var. *capitis-york* 569
—— —— var. *pilosus* Airy Shaw 569
—— *insularis* Baill. 569
—— *moluccanum* L. 545
—— *phebalioides* F. Muell. ex Muell.-Arg. 569
—— *salutaris* Cass. 198
—— *stigmatosus* F. Muell. 569
Cryptocoryne 606
Cunninghamia 262
Cuphea
Cuphea: New species of Cuphea (Lythraceae) from Brazil, Taciana Barbosa Cavalcanti 253
Cuphea 253
—— sect. *Euandra* 253, 257, 259, 261-2, 265
—— sect. *Trispermum* 261-2
—— subsect. *Hilariella* 253, 259, 261
—— subsect. *Hyssopocuphea* 265, 267
—— subsect. *Oidemation* 257, 262, 265
—— subsect. *Pachypterus* 267
—— *acicularis* 262
—— *adenophylla* T. Cavalcanti †253, *255, 257
—— *brachypoda* T. Cavalcanti 253, †257, *258-9
—— *cipoensis* T. Cavalcanti 253, †259, *260-261
—— *cunninghamiifolia* T. Cavalcanti 253, †261-2, *263
—— *excoriata* Koehne 257
—— *glareosa* T. Cavalcanti 253, †262, *264-5
—— *pohlii* Lourt. 259, 261
—— *pseudovaccinium* St.-Hil. 253, 257
—— *rubescens* 265, 267
—— *rubro-virens* T. Cavalcanti 253
—— *sessilifolia* Mart. subsp. *bahiensis* Lourt. 253
—— *sincorana* T. Cavalcanti 253, †265, *266-7
—— *spermacoce* St.-Hil. 257
—— *teleandra* Lourt. 253
—— *vesiculosa* Koehne 267
Cyclocephala cribrata Burmeister 621
—— *variolosa* Burmeister 621
Cyperaceae: Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae), P. Goetghebeur & D.A. Simpson 169
Cyperaceae 169
Cyperus 173
Cyprinia Browicz 135
Cyrtopodium sp. aff. *andersonii* R. Br. 192, 195

Dacryodes Vahl 423
Daviña, J.R. & Fernandez, A.: Heterochromatin and genome size in Fortunatia and Camassia (Hyacinthaceae) 307
Decker, Heinz: Plant Nematodes and their control (Phytonematology) (Notice) 598
Delpydora Pierre 398, 406, 409, 471, 488
—— *gracilis* Chev. 399, 488
—— *macrophylla* Pierre 399, 488
Desmodium 202
Dialium guianensis (Aubl.) Sandw. 194
Dichaea panamensis Lindl. 192
Dickie, J.B. *Reviewer*: Species Dispersal in Agricultural Habitats, by R.G.H. Bunce & D.C. Howard (Eds.) 742
Dicliptera aculeata C.B. Cl. 290
Dicoma: Notes on Dicoma Cass. (Compositae) G.V. Pope 699
Dicoma 699, 704
—— sect. *Barbellatae* F.C. Wilson 707
—— sect. *Plumosae* F.C. Wilson 699
—— sect. *Psilocoma* Harv. †707
—— sect. *Pterocoma* DC. 699
—— *angustifolia* (S. Moore) Wild 700, †702

Dicoma
Dicoma anmadochrissa 700, †702
—— *anomala* Sond. 699, †707, 708, 709
—— —— f. *karaguensis* (Oliv.) Oliv. & Hiern 707
—— —— subsp. *anomala* 708
—— —— subsp. *cirsioides* (Harv.) Wild 707, 709
—— —— var. *attenuata* S. Moore 708
—— —— var. *cirsioides* Harv. 707-8
—— —— var. *karaguensis* (Oliv.) O. Hoffm. 707
—— —— var. *latifolia* O. Hoffm. 707
—— —— var. *leptothrix* S. Moore 707
—— —— var. *megacephala* (Bak.) Mendonça 707
—— —— var. *microphylla* O. Hoffm. 707
—— —— var. *sonderi* Harv. 707
—— *argyrophylla* Oliv. 704, 706
—— *attenuata* (S. Moore) G.V. Pope †708
—— *auriculata* Hutch. & B.L. Burtt 700, †703
—— *elliptica* G.V. Pope 700-1, †702
—— *gerrardii* Harv. ex Wilson 708
—— *gossweileri* S. Moore 699, 700, †704
—— *humilis* Lawalrée 699, †706-7
—— *karaguensis* Oliv. 707
—— *kirkii* Harv. †703
—— —— subsp. *kirkii* †703
—— —— subsp. *vaginata* (O. Hoffm.) G.V. Pope †703
—— —— var. *angustifolia* S. Moore 703
—— —— var. *microcephalus* S. Moore 704-5
—— *megacephala* Bak. 707
—— *membranacea* S. Moore 700, †702
—— *nana* Welw. ex Hiern 706
—— *nyikensis* Bak. 707
—— *oblonga* Lawalrée & Mvukiyumwami 700, †703
—— *plantaginifolia* O. Hoffm. 699, †706, 707
—— *poggei* O. Hoffm. 700, †706
—— *pygmaea* Hutch. 706
—— *quinquenervia* sensu Wilson 706
—— —— Bak. 706
—— —— var. *angustifolia* (S. Moore) S. Moore 703
—— —— var. *latifolia* S. Moore 706
—— *saligna* Lawalrée 703
—— *sessiliflora* Harv. 699, †700-2
—— —— sensu Eyles 703
—— —— sensu Wilson 703
—— —— Harv. subsp. *kirkii* (Harv.) Wild 703
—— —— subsp. *sessiliflora* 701, 703
—— —— subsp. *stenophylla* G.V. Pope †701
—— *speciosa* DC. 699, 700, †703
—— *superba* S. Moore 706
—— —— var. *angustifolia* S. Moore 702
—— *thyrsiflora* (Klatt) Thell. 705
—— *vaginata* O. Hoffm. 703
—— *zeyheri* Sond. 699, †704
—— —— subsp. *argyrophylla* †704
—— —— subsp. *thyrsiflora* Klatt 704
—— —— subsp. *zeyheri* †704
—— —— var. *thyrsiflora* Klatt 704
Dignathia: A new species of Dignathia (Gramineae) from Kenya, T.A. Cope 710
Dignathia 710
—— *aristata* Cope 710
Diospyros L. 421
Dipholis 382
Diplazium cf. *grandifolium* Sw. 194
Diplöon
Diplöon cuspidatum (Hoehne) Cronq. 405
Diploknema Pierre 386, 389, 392, 408, 470, 478
—— *butyraceoides* Lam 390, 394, 478
—— *krabiensis* (Aubrév.) T.D. Penn. 389, 478
Diploön Cronq. 405, 412, 416, 470, 480
—— *cuspidatum* 410, 480
The distribution and synonymy of Tylophora biglandulosa (Asclepiadaceae), Paul I. Forster 563
Dolichopsis: A new combination in Dolichopsis (Leguminosae-Papilionoideae), G.P. Lewis 354
Dolichopsis 354
—— *monticola* (Benth.) Lackey 354
—— —— (Mart. ex Benth.) Lackey ex G.P. Lewis †354
Dolichos monticola Benth. 354
—— —— Mart. ex Benth. 354
Donella ogowensis (A. Chev.) Aubrév. & Pellegr. 399, 486
Dorr, Lawrence J.: Revision of the North American Genus Callirhoe (Malvaceae) (Notice) 745
Dransfield, John: Lemurophoenix (Palmae: Arecoideae), a new genus from Madagascar 61
Dransfield, John: Notes on Pinanga (Palmae) in Sarawak 691
Dransfield, John *Reviewer*: Structural Biology of Palms, by P.B. Tomlinson 593
Dransfield, John *Reviewer*: Introduction to tropical rain forests, by T.C. Whitmore 597
Dregea E. Mey. 359
—— *angustifolia* (Hook.f.) Sant. & Irani 359
—— *lanceolata* Sant. & Wagh 359
—— *volubilis* (Linn.f.) Benth. ex Hook.f. 359
—— —— var. *angustifolia* Hook.f. 359
—— —— var. *lacuna* (Buch.-Ham. ex Wight) Hook.f. 359
Dryas octopetala 98
Duke, J.A.: Ginseng: A Concise Handbook (Rev.) 579
Dumoria 416
Dysoxylum Blume 423

Ebenaceae 421-2
Ebenales 421
Ebenopsis 493
Eberhardtia Lecomte 382, 470
Ecclinusa Mart. 398, 471, 488
—— *guianensis* Eyma 399, 488
—— *lancifolia* (Mart. & Eichl.) Eyma 399, 488
—— *ramiflora* Mart. 399, 488
Ectropothecium sp. 196
Elaeoluma Baill. 394, 403, 410, 411, 471, 489
—— *crispa* T.D. Penn. 404, 489
—— *glabrescens* (Mart. & Eichl.) Aubrév. 404, 489
—— *nuda* (Baehni) Aubrév. 395, 410, 489
—— *schomburgkiana* (Miq.) Baill. 404, 489
Eleogiton Link 174
Embelia Burm. f. 421
Encyclia fragrans (Sw.) Lemée 192
Englerastrum Briq. 527
Englerophytum Krause 391, 398, 401, 411, 471
—— *letestui* Aubrév. & Pellegr. 392, 491

Englerophytum
Englerophytum magalismontanum (Sonder) T.D. Penn. 402, 491
—— *natalense* (Sonder) T.D. Penn. 400, 491
—— *oblanceolatum* (S. Moore) T.D. Penn. 402, 491
—— *stelechantha* Krause 406, 410, 491
Epacridaceae 94
Epidendrum rigidum Jacq. 192
—— *strobiliferum* Reichb.f. 192
Eragrostis: Four new species of Eragrostis (Gramineae) from northeast tropical Africa, S.M. Phillips 111
Eragrostis 111, 114, 117
—— *ambleia* W.D. Clayton 116-7
—— *annulata* Rendle 117
—— *astrepta* S.M. Phillips †111
—— *barrelieri* Dav. 112
—— *gloeophylla* S.M. Phillips 114, 116-7
—— *kuchariana* S.M. Phillips †114, 116-7
—— *macilenta* (A. Rich.) Steud. 112-3
—— *minor* Host 111
—— *nigra* Steud. 114
—— *pascua* S.M. Phillips †112-4
—— *psammophila* S.M. Phillips †114, 116-7
Eremomastax 6
Eriophorum 170
Erioscelis emarginata (Mannh.) Chodat & Vischer 617-8
Erythrina 515
Erythrococca: Notes on African Euphorbiaceae XXVI: Erythrococca (v), A. Radcliffe-Smith 331
Erythrococca 331, 333
—— *menyharthii* 333
—— *pentagyna* Radcl.-Sm. †331, *332-3
—— *polyandra* (Pax & K. Hoffm.) Prain †333
—— *trichogyne* (Muell. Arg.) Prain 333
—— sp. C 331
Ethiopia: Some new species of Gramineae from Ethiopia, S.M. Phillips 535
Euclea Murr. 421
Eupatorium conyzoides Vahl 195, 198
Euphorbia hadhramautica 327
Euphorbiaceae: Notes on African Euphorbiaceae XXV: Jatropha (vi), A. Radcliffe-Smith 141
Euphorbiaceae: Notes on African Euphorbiaceae XXVI: Erythrococca (v), A. Radcliffe-Smith 331
Euphorbiaceae: Notes on Arabian Euphorbiaceae III. A new Jatropha from former South Yemen, A. Radcliffe-Smith 327
Euphorbiaceae: Notes on Madagascan Euphorbiaceae IV: The genus Suregada in Madagascar and the Comoro Is., A. Radcliffe-Smith 711
Euphorbiaceae: Variation in Croton capitisyork (Euphorbiaceae), Paul I. Forster 569
Euphorbiaceae †545
Euterpe precatoria Mart. 193-4

Fagara 274
—— *dubia* Willd. ex Schult. & Schult.f. 274
Farrant, P.A. & Chambers, T.C.: Three Australian species of Cheilanthes: a response to P.S. Green 727
Faucherea 391, 470, 474
—— *laciniata* Lec. 392, 474
Fernandez, A. & Daviña, J.R.
Fernandez, A. & Daviña, J.R.: Heterochromatin and genome size in Fortunatia and Camassia (Hyacinthaceae) 307
Feuilleea pithecolobioides (Harms) Kuntze 504
Ficinia 173
Fischer, Eberhard & Hepper, F. Nigel: Four new species of Lindernia (Scrophulariaceae) from East Africa 529
Fissidens guianensis Mont. 196
—— *zollingeri* Mont. 196
Fitzgerald, S.M.D. *Reviewer*: An Oak Spring Sylva; a selection of the rare books on trees in the Oak Spring Garden Library, by Sandra Raphael 368
Five new taxa of Piptadenia (Leguminosae: Mimosoideae) from Brazil, G.P. Lewis 159
'Flora Mesoamericana': Notes on Oleaceae for 'Flora Mesoamericana', P.S. Green 273
'Flora des Mascareignes': Notes on Compositae-Astereae for the 'Flore des Mascareignes', A.J. Scott 339
Forster, Paul I.: The distribution and synonymy of Tylophora biglandulosa (Asclepiadaceae) 563
Forster, Paul I.: Variation in Croton capitisyork (Euphorbiaceae) 569
Fortunatia: Heterochromatin and genome size in Fortunatia and Camassia (Hyacinthaceae), A. Fernandez & J.R. Daviña 307
Fortunatia Macbride 307-8, 310, 313, 315
—— *argentinensis* (Lillo et Haum.) Ravenna 307
—— *arida* (Poepp.) Ravenna 307-10, 313-5
—— *biflora* (Ruiz. et Pav.) Macbr. 307-1, 313-5
—— *sessilis* (Fries) Ravenna 307
Four new species of Eragrostis (Gramineae) from northeast tropical Africa, S.M. Phillips 111
Four new species of Lindernia (Scrophulariaceae) from East Africa, Eberhard Fischer & F. Nigel Hepper 529
Franchetella anibifolia (A.C. Smith) Aubr. 194
Fraxinus L. †274-5
—— *americana* L. var. *uhdei* Wenzig 276
—— *berlandieriana* DC. 276
—— *bicolor* Standl. & Steyerm. 275
—— *cavekiana* Standl. & Steyerm. 275-6
—— *chiapensis* Lundell 275
—— *dubia* (Willd. ex Schult. & Schult.f.) P.S. Green & M. Nee †274
—— *hondurensis* Standley 275
—— *pennsylvanica* Marsh. 275-6
—— *purpusii* Brandegee 275
—— —— var. *vellerea* (Standl. & Steyerm.) P.S. Green †275
—— *schiedeana* Schlecht. & Cham. 274
—— *uhdei* (Wenzig) Lingelsh. 275-6
—— *vellerea* Standl. & Steyerm. 275
Fuirena 172
Fuller, R.J. & Warren, M.S.: Coppiced woodlands: their management for wildlife (Notice) 598
Furness, C.A. & Vollesen, K.: The identity of Asystasia striata S. Moore (Acanthaceae) 729
Furness, C.A.: The pollen morphology of Sclerochiton (Acanthaceae: Acantheae) 51

Galactia

Galactia pinnata Pers. 320
Gallesia integrifolia (Spreng.) Harms 194
Gambeya boukokoensis Aubrév. & Pellegr. 400, 486
Gasson, Peter *Reviewer*: Anatomy of European woods. An atlas for the identification of European trees, shrubs and dwarf shrubs, by Fritz Hans Schweingruber 744
Gelonium adenophorum (Baill.) Muell. Arg. 725
—— *baronii* S. Moore 712
—— *boivinianum* (Baill.) Muell. Arg. 712
—— *comorense* S. Moore 712
—— *humberti* Leandri 718
—— *laurinum* (Baill.) Muell. Arg. 712
—— *perrieri* Leandri 720
—— *pycnantherum* Pax & K. Hoffm. 712
George, A.S. (Exec. Ed.): Flora of Australia. Vol. 45, Podostemaceae-Combretaceae (Notice) 746
Gibbs Russell, G.E., Watson, L., Koekemoer, M., Smook, L., Barker, N.P., Anderson, H.M., Dallwitz, M.J. & Leistner, O.A. (Ed.): Grasses of Southern Africa (Rev.) 580
Givotia moluccana (L.) Wheeler & Matthew †545
—— *rottleriformis* Griff. 545
Gluema Aubr. & Pellegrin 382, 470
Glycycarpus racemosus Dalz. 543
Goetghebeur, P. & Simpson, D.A.: Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae) 169
Goldblatt, Peter, Johnson, Dale E. (Eds.): Index to plant chromosome numbers 1986-1987 (Notice) 599
Goldmania constricta Micheli & Rose 160
Goyder, D.J. *Reviewer*: Flora i vegetació del Montsec (Pre-Pirineus Catalans), by Angel M. Romo i Díez 585
Goyder, D.J. *Reviewer*: Plantas Vasculars del quadrat UTM 31T CG46 Abella de la Conca, by Angel M. Romo i Díez 585
Goyder, D.J. & Boulos, L.: A new species of Periploca (Asclepiadaceae) from southwest Arabia 133
Gramineae: Four new species of Eragrostis (Gramineae) from northeast tropical Africa, S.M. Phillips 111
Gramineae: A new species of Dignathia (Gramineae) from Kenya, T.A. Cope 710
Gramineae: Some new species of Gramineae from Ethiopia, S.M. Phillips 535
Gramineae 535
Green, P.S.: Notes on Oleaceae for 'Flora Mesoamericana' 273
Green, P.S.: An overlooked species of Jasminum from New Caledonia. Studies in the genus Jasminum (Oleaceae): XII 69
Green, P.S. *Reviewer*: Manual of the Flowering Plants of Hawai'i, by Warren L. Wagner & Derral D. Herbst & S.H. Sohmer 595
Guadua superba Huber 192-4
Guapira 273
Guatemala: Two new subspecies of Leucaena (Leguminosae: Mimosoideae) from Guatemala, C.E. Hughes 547
Gyrocarpus angustifolius (Hernandiaceae), a distinct northeast African tree species, Mats Thulin 277

Gyrocarpus

Gyrocarpus angustifolius (Verdc.) Thulin †278
—— *hababensis* Chiov. 277-8
—— —— var. *angustifolius* Verdc. 277-8
—— —— var. *hababensis* 277-8

Halmoorea 66
Harley, Madeline M.: The pollen morphology of the Sapotaceae 379
Hastings, Laura *Reviewer*: Drug-Plant Resources of Central India (An Inventory), by R.C. Srivastava 588
Hastings, Rupert *Reviewer*: Ginseng: A Concise Handbook, by J.A. Duke 579
Havardia Small 493-4, 519
—— *pallens* (Benth.) Britton & Rose 519
Hawthorne, W.: Field Guide to the Forest Trees of Ghana. Ghana Forestry Series 1 (Rev.) 581
Heberdenia Banks 421
Hedera 80
—— *helix* 98
Hepper, F. Nigel & Fischer, Eberhard: Four new species of Lindernia (Scrophulariaceae) from East Africa 529
Hepper, F.N. *Reviewer*: Arbres et arbustes de l'Egypte ancienne, by Nathalie Baum 361
Hernandiaceae: Gyrocarpus angustifolius (Hernandiaceae), a distinct northeast African tree species, Mats Thulin 277
Hernandiaceae 277
Heterochromatin and genome size in Fortunatia and Camassia (Hyacinthaceae), A. Fernandez & J.R. Daviña 307
Heteropsylla cubana Crawford 547
Hevea brasiliensis Muell. Arg. 194
Hieronima laxiflora M. Arg. 198
Hildegardia (Sterculiaceae) new to Australia, Martin Cheek & Greg Leach 72
Hildegardia 72
—— *australiensis* Leach & Cheek †72
—— *sundaica* Kostermans 72
Hohenbergia stellata Schultz.f. 655
Homalomena 602
Hookeriopsis parkeriana (Hook. & Grev.) Jaeg. 196
Hovenkamp, P. *Reviewer*: Noteworthy species of Grammitidaceae from South-east Asia, by B.S. Parris 583
Hoya R. Br. 359
Hughes, C.E.: Two new subspecies of Leucaena (Leguminosae: Mimosoideae) from Guatemala 547
Hyacinthaceae: Heterochromatin and genome size in Fortunatia and Camassia (Hyacinthaceae), A. Fernandez & J.R. Daviña 307
Hyacinthaceae 307
Hybanthera biglandulosa Endl. 563
Hygrophila R. Br. 336
—— subgen. *Plaesianthera* C.B. Clarke 335, 338
—— *thwaitesii* (T. Anders.) C.B. Clarke 338
Hymenochaeta Beauv. ex Lestib. 169, 170
Hymenochaete Léveillé 169, 170
—— *grossa* (L.f.) Nees 169, 171
Hymenolobium sp. 199
Hyparrhenia rufa Stapf 202

Hypoderma

Hypoderma: Lophodermium and Hypoderma (Rhytismatales) from Mt Kinabalu, Sabah, B.M. Spooner 73
Hypoderma DC. 73, 74, 94, 95, 97
—— De Not. 74, †94, 97
—— *borneense* Spooner †*95, *96
—— *commune* (Fr.) Duby 96, 97
—— *dryadis* Nannf. ex Holm 98
—— *hederae* (Manius) de Not. 97, 98
—— *ilicinum* de Not. 97, 98
—— *rostrupii* Vasilyeva 98
—— *rubi* (Pers.) DC. ex Chev. 94
—— cf. —— (Pers.) DC. ex Chev. †98, *99
—— —— Cannon & Minter 98
Hyptis ? sp. nov. aff. *colligata* Epl. 282

The identity of Asystasia striata S. Moore (Acanthaceae), C.A. Furness & K. Vollesen 729
The identity, typification and distribution of Salsola imbricata Forsskål. Studies in the Chenopodiaceae of Arabia 1, Loutfy Boulos 137
India: Lepistemon verdcourtii, a new species of Convolvulaceae from India, with notes on L. binectariferum and L. leiocalyx, Philip Mathew & S.D. Biju 559
India, South: Precursory notes for a Flora of the Palni Hills, South India, K.M. Matthew 539
Inga 515
—— *billbergiana* Benth. 511
—— *cataractae* Kunth 496
—— *coccinea* G. Don 496
—— *edulis* Mart. 195, 198
—— *gigantifoliola* Schery 500
—— *globulifera* Benth. 511
—— *membranacea* Benth. 511
—— ? *pithecolobioides* Harms 504
—— *rufescens* Benth. 511
—— *tubulifera* Benth. 511
Ingeae: New species, combinations and synonyms for Zygia, Cojoba, Marmaroxylon and Pithecellobium (Leguminosae-Mimosoideae, Ingeae), Maria de L. Rico-Arce 493
Inhambanella Engl. ex Dub. 389, 391, 470, 474
—— *guereensis* (Aubrév. & Pellegr.) T.D. Penn. 392, 474
—— *henriquesii* 390, 474
Iriartea ventricosa Mart. 193-4
Isacanthus Nees 1, 2, 7, 16, 30
—— *vogelii* Nees 7, 42
Isolepis: Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae), P. Goetghebeur & D.A. Simpson 169
Isolepis R. Brown 169, 173
—— *beccarii* (Böckeler) Goetghebeur & D.A. Simpson †174
—— *fluitans* (L.) R. Br. 174
Isonandra 389, 398, 408, 418, 470, 476
—— *lanceolata* Wight 390, 476
—— *perrottetiana* A. DC. 390, 476
—— *stocksii* C.B. Clarke 390, 476
—— *villosa* Wight 390, 476
—— *zeylanica* Jenken. 399, 476
Isonandreae Hartog 474

Isopterygium

Isopterygium sp. 196
Iugopollis tetraporites Venkatachala & Rawat 418
—— sp. Venkatachala & Rawat 418

Jacaratia spinosa (Aubl.) DC. 195, 198
Jagtap, A.P. & Singh, N.P.: A new combination in Wattakaka (Asclepiadaceae) 359
Jasminum: An overlooked species of Jasminum from New Caledonia. Studies in the genus Jasminum (Oleaceae): XII, P.S. Green 69
Jasminum 69-71
—— *elatum* Panch. ex Guillaum. 69, 70
—— —— var. *brevistylis* Guillaum. 69, 70
—— *mackeeorum* P.S. Green †69-71
—— *neocaledonicum* Schltr. 69, 70
Jatropha: Notes on African Euphorbiaceae XXV: Jatropha (vi), A. Radcliffe-Smith 141
Jatropha: Notes on Arabian Euphorbiaceae III. A new Jatropha from former South Yemen, A. Radcliffe-Smith 327
Jatropha †141, 151, 327
—— sect. *Castigliona* (Ruiz & Pav.) Pax 157
—— sect. *Curcas* (Adans.) Griseb. 157
—— sect. *Polymorpha* Pax 157
—— sect. *Spinosa* Pax 144, 146, 157
—— sect. *Tuberosae* Pax 150, 157
—— subgen. *Adenoropium* (Pohl) Griseb. 156
—— subgen. *Curcas* (Adans.) Griseb. 156
—— subgen. —— (Adans.) Pax 156
—— subgen. *Jatropha* 156
—— subsect. *Capenses* Dehgan & Webster 157
—— subsect. *Hypogynae* Radcl.-Smith & Thulin †144, 157
—— subsect. *Latifoliae* Pax 157
—— subsect. *Macrorrhizae* Pax 150, 157
—— subsect. *Tuberosae* Dehgan & Webster 157
—— *aethiopica* 327
—— *baumii* Pax †141, 156
—— *botswanica* Radcl.-Sm. †142, *143, 156
—— *campestris* S. Moore 146, 150, 156
—— *dhofarica* 327
—— *erythropoda* 150
—— *hirsuta* Hochst. ex Krauss †142, 156
—— *hypogyna* Radcl.-Sm. & Thulin †144, *145-6, 156
—— *latifolia* Pax †146, 156
—— —— var. *angustata* 146
—— —— var. *latifolia* 146
—— —— var. *subeglandulosa* Radcl.-Sm. †146
—— —— var. *swazica* 146
—— *loristipula* Radcl.-Sm. †146, *147, 156
—— *macrophylla* Pax & K. Hoffm. 151-2, 156
—— *macrorrhiza* Benth. 150
—— *microdonta* 142
—— *monroi* S. Moore 146, †150, 156
—— *pachyrrhiza* Radcl.-Sm. †150, 156
—— *scaposa* Radcl.-Smith †151, *153, 156
—— *schlechteri* Pax 142, †152, 154, 156
—— —— subsp. *setifera* (Hutch.) Radcl.-Smith †152
—— *schweinfurthii* Pax †154, 156
—— —— subsp. *atrichocarpa* 154

Jatropha
Jatropha schweinfurthii subsp. *schweinfurthii* 154
—— —— subsp. *zambica* Radcl.-Smith †154, *155
—— *seineri* †154, 156
—— —— var. *tomentella* Radcl.-Smith †154
—— *setifera* Hutch. 142, 152, 154
—— *somalensis* Pax 150, 156
—— *subaequiloba* Radcl.-Smith †154, 156
—— *uncinulata* Radcl.-Sm. †327, *328
—— *unicostata* 327
—— *variegata* 327
—— *variifolia* Pax 154, 156-7
—— var. *subeglandulosa* Radcl.-Sm. †146
Jovibarba Opiz: Pollen morphology of Jovibarba Opiz and Sempervivum L.(Crassulaceae), J. Parnell 733
Jovibarba Opiz 733, 735-8
—— *heuffelii* (Schott) A. & D. Löve 734, 737
—— *hirta* (L.) Opiz subsp. *allionii* (Jordon & Fourr.) Soó 734
—— —— subsp. *arenaria* (Koch) J. Parnell 734
—— —— subsp. *hirta* 734
Juglandaceae 411
Juniper, B.E., Robins, R.J. & Joel, D.M.: Carnivorous Plants (Rev.) 179
Jupunba 493
Justiceae tribe *Ruellieae* sensu Clarke 729
Justicia bentii 327

Keay, R.W.J.: Trees of Nigeria (Rev.) 366
Kent, D.H. *Reviewer*: Flora of the East Riding of Yorkshire, by F.E. Crackles & R.R. Arnett (Ed.) 363
Kent, D.H. *Reviewer*: John Lightfoot. His Work and Travels with a Biographical Introduction and a Catalogue of the Lightfoot Herbarium, by Jean K. Bowden 362
Kenya: A new species of Dignathia (Gramineae) from Kenya, T.A. Cope 710
Klugiodendron 493
—— *magdalenae* Killip 518
—— *ocumarense* Pittier 518

Labiatae: A new species of Plectranthus (Labiatae) from Malawi and adjacent countries, A.J. Paton & R.K. Brummitt 523
Labiatae 282
Labourdonnaisia Boj. 389, 392, 470, 474
—— *calophylloides* Boj. 390, 474
—— *glauca* Boj. 394, 474
—— *revoluta* Boj. 390, 474
Labramia A. DC. 382, 470
Lagenandra 606
Lagerstroemia flosreginae 92
Leach, Greg & Cheek, Martin: Hildegardia (Sterculiaceae) new to Australia 72
Leach, Greg *Reviewer*: Field Guide to Eucalypts: Vol. 2. Southwestern and Southern Australia, by M.I.H. Brooker & D.A. Kleinig 741
Lecomteodoxa Pierre ex Dub. 382, 470
Leguminosae 411, 511
—— subfam. *Mimosoideae* 501
—— tribe *Ingeae* 519
Leguminosae-Mimosoideae
Leguminosae-Mimosoideae: Another new combination in Pseudopiptadenia (Leguminosae-Mimosoideae), G.P. Lewis 358
Leguminosae-Mimosoideae: New species, combinations and synonyms for Zygia, Cojoba, Marmaroxylon and Pithecellobium (Leguminosae-Mimosoideae, Ingeae), Maria de L. Rico-Arce 493
Leguminosae-Papilionoideae: A new combination in Clitoria (Leguminosae-Papilionoideae), R.H. Smith & G.P. Lewis 320
Leguminosae-Papilionoideae: A new combination in Dolichopsis (Leguminosae-Papilionoideae), G.P. Lewis 354
Leguminosae-Phaseoleae: Mucuna hainanensis Hayata subsp. multilamellata Wilmot-Dear: a new name for a long-known taxon (Leguminosae-Phaseoleae) and a key to related species, C.M. Wilmot-Dear 205
Leguminosae-Phaseoleae: A revision of Mucuna (Leguminosae-Phaseoleae) in the Philippines, C.M. Wilmot-Dear 213
Leguminosae: Mimosoideae: Five new taxa of Piptadenia (Leguminosae: Mimosoideae) from Brazil, G.P. Lewis 159
Leguminosae: Mimosoideae: A new combination in Pseudopiptadenia (Leguminosae: Mimosoideae), G.P. Lewis 118
Leguminosae: Mimosoideae: Two new subspecies of Leucaena (Leguminosae: Mimosoideae) from Guatemala, C.E. Hughes 547
Lejeunea sp. 196
Lemnaceae 606
Lemurophoenix (Palmae: Arecoideae), a new genus from Madagascar, John Dransfield 61
Lemurophoenix J. Dransf. †61, 66, 68
—— *halleuxii* J. Dransf. †62, *63, 66, *67, 68
Lepidoziaceae sp. 196
Lepistemon binectariferum: Lepistemon verdcourtii, a new species of Convolvulaceae from India, with notes on L. binectariferum and L. leiocalyx, Philip Mathew & S.D. Biju 559
Lepistemon leiocalyx: Lepistemon verdcourtii, a new species of Convolvulaceae from India, with notes on L. binectariferum and L. leiocalyx, Philip Mathew & S.D. Biju 559
Lepistemon verdcourtii, a new species of Convolvulaceae from India, with notes on L. binectariferum and L. leiocalyx, Philip Mathew & S.D. Biju 559
Lepistemon Blume 559
—— *binectariferum* (Wall.) O Kuntze †559
—— *flavescens* Blume 559
—— *leiocalyx* Stapf 559, †560, 562
—— *verdcourtii* P. Mathew & S.D. Biju †560, *561
—— *wallichii* Choisy 559
Leptostylis Benth. 394, 401, 409, 471, 490
—— *filipes* Benth. 403, 490
—— *grandifolia* Vink 395, 490
—— *petiolata* Vink 402, 490
Leptothyrina Höhnel 89
Letestua 389, 470, 474
—— *floribunda* Lec. 390, 474

Leucaena

Leucaena: Two new subspecies of Leucaena (Leguminosae: Mimosoideae) from Guatemala, C.E. Hughes 547
Leucaena 547, 552
—— *collinsii* Britton & Rose †552-3
—— —— subsp. *collinsii* †552-3, 555
—— —— subsp. *zacapana* C.E. Hughes 552, †553, *554-5
—— *diversifolia* (Schlecht.) Benth. 552
—— *leucocephala* (Lam.) de Wit 547
—— *shannonii* J.D. Smith †547
—— —— subsp. *magnifica* 547-8, †550, *551-2, 555
—— —— subsp. *shannonii* †549, 550, 555
Leucobryum sp. 196
Leucodontopsis geniculata (Mitt.) Crum & Steere 196
Leucomium lignicola Spruce ex Mitt. 196
Lewis, B.A. & Cribb, P.J.: Coelogyne susanae, a new species of Orchidaceae from the Solomon Islands and Bougainville 317
Lewis, G.P.: Another new combination in Pseudopiptadenia (Leguminosae-Mimosoideae) 358
Lewis, G.P.: Five new taxa of Piptadenia (Leguminosae: Mimosoideae) from Brazil 159
Lewis, G.P.: A new combination in Dolichopsis (Leguminosae-Papilionoideae) 354
Lewis, G.P.: A new combination in Pseudopiptadenia (Leguminosae: Mimosoideae) 118
Lewis, G.P. & Smith, R.H.: A new combination in Clitoria (Leguminosae-Papilionoideae) 320
Licania subgen. *Moquilea* sect. *Moquilea* 105
—— *dodsonii* 105, 107
—— *gentryi* 105
—— *megalophylla* Prance †105, *106-7
Lindernia: Four new species of Lindernia (Scrophulariaceae) from East Africa, Eberhard Fischer & F. Nigel Hepper 529
Lindernia 529
—— sens. lat. 529
—— *abyssinica* 534
—— *acicularis* 534
—— *antipoda* 529
—— *longicarpa* Eb. Fisch. & Hepper *533, †534
—— *niamniamensis* *532, †534
—— *sudanica* Eb. Fisch. & Hepper †530, *531, 534
—— *welwitschii* 530, 534
—— *yaundensis* 530, 534
—— *zanzibarica* Eb. Fisch. & Hepper †529, *530
Linociera Sw. 273
—— *domingensis* auct. non (Lam.) Knobl. 274
—— *latifolia* Vahl 274
—— *oblanceolata* Robinson 273
—— *panamensis* Standl. 274
Lipocarpha 173
Lisboa, Pedro L.B., Maciel, Ubirajara N. & Prance, Ghillean T.: Some effects of colonization on the tropical flora of Amazonia: a case study from Rondônia 187
Lissocarpa Benth. 422
Lissocarpaceae 422
Litsea 90
—— *consimilis* 89

Lock, J.M.

Lock, J.M.: A new species of Siphonochilus (Zingiberaceae) from Tanzania 269
Lock, J.M. *Reviewer*: Trees of Nigeria, by R.W.J. Keay 366
Lockhartia guianensis Reichb. 192
—— *ludibunda* Reichb. 192
Lophocolea perissodonta (Spruce) Steph. 196
Lophodermium and Hypoderma (Rhytismatales) from Mt Kinabalu, Sabah, B.M. Spooner 73
Lophodermium Chev. 73, †74, 78, 80, 85, 87, 89, 90, 94, 97
—— *agathidis* 74, *75, *76, †77
—— *aleuritis* (Rehm) Tehon 80
—— *balaramii* Cannon & Minter 83
—— *brunneolum* 90
—— *geniculosporum* Spooner 74, †78, *79, 80
—— *hedericola* Ahmad 80
—— *indicum* Tilak 85, 92
—— *intricatum* Spooner 74, †80, *81, *82, 83
—— *irregulare* Johnston 94
—— *kinabaluense* Spooner 74, †83, *84
—— *lanceolatum* 74, †85, *86
—— *litseae* Minter & M.P. Sharma 78, *88-90
—— *litseaeoides* Spooner 74, *76, *88, †89, 90
—— *mangiferae* Cannon & Minter 94
—— —— Koorders 80, 83, 92
—— cf. —— Koorders 74, †90, *91
—— *multimatricum* Johnston 83, 85, 90, 94
—— *quercus* Bose & Müller 87
—— *ramulosum* Spooner 74, †92, *93, 94
—— *tindalii* Johnston 94
—— *vagulum* Wilson & Robertson 83
Lophomerum Ouelette & Magasi 74, 87, 90
Lopriorea ruspolii (Lopr.) Schinz 103
Lygodium venustum Sw. 194
Lythraceae: New species of Cuphea (Lythraceae) from Brazil, Taciana Barbosa Cavalcanti 253
Lythraceae 253

Mabea angustifolia Benth. 198
Macfarlane, T.D. *Reviewer*: Flora of Southeastern Queensland. Volume 3, by T.D. Stanley & E.M. Ross 374
Maciel, Ubirajara N., Lisboa, Pedro L.B. & Prance, Ghillean T.: Some effects of colonization on the tropical flora of Amazonia: a case study from Rondônia 187
Macromitrium sp. 196
Macrosamanea Britton & Killip 493-4
—— *basijuga* (Ducke) Dugand 515
Madagascan: Notes on Madagascan Euphorbiaceae IV: The genus Suregada in Madagascar and the Comoro Is., A. Radcliffe-Smith, 711
Madagascar: Lemurophoenix (Palmae: Arecoideae), a new genus from Madagascar, John Dransfield 61
Madhuca Hamilton ex Gmel. 386, 389-91, 407-8, 415-7, 470, 476
—— *aristulata* Lam 387, 476
—— *betis* Macbride 387, 476
—— *bourdillonii* Lam 389, 476
—— *burckiana* Lam 389, 476
—— *coriacea* Merrill 390, 476
—— *costulata* Lam 390, 476

Madhuca

Madhuca curtisii Ridley 390, 392, 476
—— *decipiens* Sincl. 388, 476
—— *elmeri* Merrill ex Lam 387, 476
—— *indica* 414, 416
—— *kingiana* (Brace) Lam 390, 476
—— *korthalsii* Lam 387, 476
—— *laurifolia* Lam 388, 476
—— *leucodermis* (Krause) Lamand 388, 476
—— *longifolia* (Koenig) Macbride 389, 476
—— *malaccensis* Lam 387, 476
—— *microphylla* (Hook.) Alston 387, 476
—— *mindanaensis* Merrill 387, 476
—— *motleyana* (Vriese) Baehni 388, 476
—— *neriifolia* (Moore) Lam 389, 476
—— *obovatifolia* Merrill 390, 477
—— *orientalis* (Assem) T.D. Penn. 390, 477
—— *pallida* (Burck) Baehni 390, 477
—— *palustris* Royen 390, 477
—— *pierrei* Lam 388, 389, 477
—— *pubicalyx* Ridley 387, 477
—— *sericea* Lam 387, 477
—— *spectabilis* Royen 387
—— *spirabilis* 477
—— *stipulacea* Fletcher 387, 477
—— *subquincuncialis* Lam 387, 477
—— *tubulosa* Lam 390, 477
—— sp. 387-8, 390, 477
Maesa Forssk. 421
Magill, R.E. (Ed.): Glossarium Polyglottum Bryologiae. A multilingual glossary for bryology. Monograph in Systematic Botany from the Missouri Botanical Garden No. 333 (Rev.) 367
Magnoliaceae 411, 621
Magodendron Vink. 401, 471, 491
—— *venefici* (White & Francis) Vink 402, 491
Malacantha alnifolia 418
Malawi: A new species of Plectranthus (Labiatae) from Malawi and adjacent countries, A.J. Paton & R.K. Brummitt 523
Malawian: A new combination for a Malawian Peristrophe (Acanthaceae), R.K. Brummitt 290
Manilkara 386, 389, 391-2, 407-8, 415, 418, 420, 470, 473
—— *bidentata* (A. DC.) Chev. subsp. *bidentata* 394, 473
—— —— subsp. *surinamensis* (Miq.) T.D. Penn. 391, 473
—— *butugi* Chiov. 391, 473
—— *concolor* (Harv. ex Wright) Gerstn. 391, 473
—— *cuneifolia* Dub. 387, 473
—— *dawei* (Stapf) Chiov. 387, 473
—— *discolor* (Sond.) Hemsl. 390-1, 473
—— *excelsa* (Ducke) Standl. 391, 473
—— *hexandra* (Roxb.) Dub. 387, 473
—— *hoshinoi* (Kaneh.) Royen 391, 473
—— *huberi* (Ducke) Chev. 391, 473
—— *jaimiqui* (Wright) Dub. subsp. *emarginata* (L.) Cronq. 387, 473
—— —— subsp. *haitensis* (Cronq.) Cronq. 387, 473
—— *letestui* Aubrév. & Pellegr. 387, 473
—— *littoralis* Dub. 388, 473
—— *maxima* T.D. Penn. 392, 473
—— *mochisia* (Bak.) Dub. 391, 473
—— *multifida* T.D. Penn. 391, 473
—— *multinervis* (Bak.) Dub. 391, 473
—— *obovata* (Sabine & Don) Hemsl. 391, 473

Manilkara

Manilkara pubicarpa Monachino 388, 473
—— *roxburghii* (Wight) Parker 387, 473
—— *samoënsis* 473
—— *samoensis* Lam & Meeuse 387
—— *staminodella* Gilly 390, 473
—— *subsericea* (Mart.) Dub. 387, 474
—— *sulcata* (Engl.) Dub. 391, 474
—— *triflora* (Allemão) Monachino 388, 474
—— *valenzuelana* (A. Rich.) T.D. Penn. 388, 474
—— *vitiensis* (Lam & Olden) Meeuse 387, 474
—— *zapota* (L.) Royen 392, 474
Marmaroxylon: New species, combinations and synonyms for Zygia, Cojoba, Marmaroxylon and Pithecellobium (Leguminosae-Mimosoideae, Ingeae), Maria de L. Rico-Arce 493
Marmaroxylon 493-4, †515-6, 518
—— *basijugum* (Ducke) L. Rico †515
—— *claviflorum* (Spruce ex Benth.) L. Rico †515
—— *collinum* (Sandwith) L. Rico †516
—— *dinizii* (Ducke) L. Rico †516
—— *eperuetorum* 515, †516, 518
—— *magdalenae* Killip ex L. Rico †516, *517-8
—— *ocumarense* (Pittier) L. Rico 516, †518
—— *racemosum* (Ducke) Killip 515
—— *ramiflorum* (Benth.) L. Rico †518
Marsdenia R. Br. 359
—— *lanceolata* Cooke 359
—— *volubilis* (Linn.f.) Cooke var. *angustifolia* (Hook.f.) Blatt & McC. 359
Mastichodendron 382
Mathew, B. *Reviewer*: Flora Iranica. No. 165. Liliaceae II, by K.H. Rechinger, K. Browicz, K. Persson & P. Wendelbo 584
Mathew, Philip & Biju, S.D.: Lepistemon verdcourtii, a new species of Convolvulaceae from India, with notes on L. binectariferum and L. leiocalyx 559
Matthew, K.M.: Precursory notes for a Flora of the Palni Hills, South India 539
Matthews, Craig (Ed.): New Zealand Journal of Zoology. Panbiogeography special issue. Vol. 16 No. 4 (Notice) 185
Matthews, Victoria *Reviewer*: Plant Taxonomy, Phytogeography and Related Subjects: The Davis and Hedge Festschrift, by Kit Tan (Ed.) 183
Matthews, Victoria *Reviewer*: Flower Artists of Kew, by William T. Stearn 589
Maxillaria friedrichsthalii Reichb.f. 192
—— cf. *rufescens* Lindl. 192
Mayepea 273
—— *latifolia* (Vahl) Kuntze 274
—— *macrocarpa* Rusby 273
Mayo, Simon *Reviewer*: Transformed cladistics, taxonomy and evolution, by N.R. Scott-Ram 369
Mayo, S.J.: A revision of Philodendron subgenus Meconostigma (Araceae) 601
Mayo, S.J. & Murata, J.: A new combination in Typhonium (Araceae) 129
Meconostigma: A revision of Philodendron subgenus Meconostigma (Araceae), S.J. Mayo 601
Meconostigma subgen. *Meconostigma* 604
—— *speciosum* Schott 660

Medina

Medina, Ernesto (Coordinator): Simposio Ecofisiologia Vol.V. Anales del IV Congreso Latinamericano de Botanica, Colombia, 1986 (Notice) 600
Melia L. 423
Meliaceae: A new species of Turraea (Meliaceae) from Somalia and a note on the species in continental Africa, Martin Cheek 683
Meliaceae 414, 421, 423, 688
Mello-Silva, Renato de: A new species of Vellozia from the Espinhaço Range, Brazil, with some considerations on the section Xerophytoides 321
Meteoriopsis patula (Hedw.) Broth. 196
Micropholis (Griseb.) Pierre 398, 400-1, 405, 409, 410, 413, 485
—— sect. *Exsertistamen* 401, 470, 485
—— sect. *Micropholis* 399, 400, 405, 470, 485
—— *compta* Pierre 400, 485
—— *gardneriana* (A. DC.) Pierre 400, 485
—— *guyanensis* (A. DC.) Pierre subsp. *guyanensis* 401, 485
—— *maguirei* Aubrév. 401, 485
—— *melinoniana* Pierre 399, 485
—— *mensalis* (Baehni) Aubrév. 399, 485
—— *resinifera* (Ducke) Eyma 399, 485
—— *retusa* (Spruce ex Miq.) Eyma 405, 410, 416, 485
—— *venulosa* (Mart. & Eichl.) Pierre 400, 485
Mimosa arborea L. 507
—— *dulcis* Roxb. 518
—— *ebano* Berl. 519
—— *latifolia* L. 495
—— *opthalmocentra* Mart. ex Benth. 168
—— *unguis-cati* L. 518
Mimulopsis 6
Mimusops L. 386, 391, 407, 411, 415, 417-8, 420, 472
—— *aedificatoria* Mildbr. 387, 472
—— *angel* Chiov. 387, 472
—— *antongilensis* Aubrév. 388, 472
—— *caffra* E. Mey. 387, 472
—— *dispar* N.E. Br. 388, 472
—— *elengi* L. 391, 414, 416, 420, 472
—— *fasciculata* Warb. 387, 472
—— *frondosa* Hiern 388, 472
—— *fruticosa* Boj. 387, 472
—— *kummel* Bruce ex A. DC. 387, 472
—— *marginata* N.E. Br. 388, 472
—— *mirabilis* 420
—— *obovata* Sond. 387, 472
—— *riparia* Engl. 388, 472
—— *schimperi* Hochst. 392, 472
—— *seychellarum* (Oliv.) Hemsley 387, 472
Monoporus A. DC. 421
Monoschisma Brenan 118
—— Duby 118
Monstera deliciosa 675
Mt Kinabalu: Lophodermium and Hypoderma (Rhytismatales) from Mt Kinabalu, Sabah, B.M. Spooner 73
Mucuna hainanensis Hayata subsp. multilamellata Wilmot-Dear: a new name for a long-known taxon (Leguminosae-Phaseoleae) and a key to related species, C.M. Wilmot-Dear 205
Mucuna: A revision of Mucuna (Leguminosae-Phaseoleae) in the Philippines, C.M. Wilmot-Dear 213

Mucuna

Mucuna Adans. 205, 208, †213, 223, *236
—— subgen. *Mucuna* †217
—— subgen. *Stizolobium* (P. Br.) Prain †245
—— *acuminata* Merr. 221
—— *atropurpurea* sensu Kanjilal 208
—— —— (Roxb.) DC. 209, 211
—— *aurea* C.B. Rob. 214, 216, 229, *230, 234
—— *biplicata* Teijsm. & Binn. ex Kurz 209, 211, 244
—— *championii* Benth. 209, 210
—— *cochinchinensis* 249
—— *curranii* Elm. 214, 216, †231, *233-4
—— *cyclocarpa* Metcalf 210
—— *deeringiana* 249
—— *diplax* Wilmot-Dear 214, 217, 237, †240, *241-2, 244, 250
—— *domingensis* (Lam.) Krug & Urban 274
—— *foveolata* 229
—— *gigantea* (Willd.) DC. †217, *220, 221
—— —— subsp. *gigantea* 213, 215-6, †217-8
—— —— subsp. *plurisemina* Verdc. 213, 215-6, †218
—— —— subsp. *quadrialata* (Bak.) Verdc. 218
—— *hainanensis* Hayata 205, †207, 210, 211, †234, 242, 244
—— —— subsp. *hainanensis* *206, †207, 210, 211
—— —— subsp. *multilamellata* Wilmot-Dear *206, †207, 211, 213-4, 217, 234, *235, *236-7, 239, 240, 242
—— —— var. *hongkongensis* 205
—— *imbricata* sensu Merrill 240, 250
—— —— DC. ex Bak. 208, 210, 211, 244
—— *interrupta* Gagnep. 210, 211
—— *lamellata* C.M. Wilmot-Dear 209, 210
—— *ligustrina* (Sw.) Kuntze 274
—— *longipedunculata* sensu Merrill 226
—— Merr. 214, 216, 221, †223, *224, *225
—— *luzoniensis* Merr. 247
—— *lyonii* Merr. 249
—— *macmillanii* Elmer 214, *224-5, †226
—— *macrobotrys* Hance 208, 211
—— *membranacea* Hayata 209, 211
—— *mindorensis* Merr. 215-6, †220, *221
—— *monosperma* DC. ex Wight 209, 210
—— *nigricans* sensu auctt. 234
—— sensu Merrill 240
—— —— sensu Tateishi & Ohashi 207
—— —— (Lour.) Steud. 205, 208
—— —— sensu auctt non (Lour.) Steud. var. *hainanensis* (Hayata) Wilmot-Dear 207
—— —— var. *nigricans* 205
—— *pachycarpa* Parreno ex Wiriadinata 213, 216, †221, *222
—— *platyplekta* Quisumb. & Merr. 214, 217, 240, 242, *243, †244, 250
—— *pruriens* (L.) DC. †245
—— —— var. *pruriens* 213, 215-6, †245, 249
—— —— var. *sericophylla* (Perk.) Wilmot-Dear 213, 215-6, *246-7
—— —— var. *utilis* (Wall. ex Wight) Bak. ex Burck 213, 215, 247, 249
—— *reticulata* Burck 213-4, 216, 225, †226, *228, *236
—— *revoluta* C.M. Wilmot-Dear 209, 211
—— *samarensis* Merr. 214, 217, *236-7, *239
—— *sericophylla* Perk. 247
—— *stenoplax* C.M. Wilmot-Dear 209, 210

Manilkara

Manilkara suberosa Gagnep. 207
—— var. *pruriens* 247
Munronia Wight 423
Murata, J. & Mayo, S.J.: A new combination in Typhonium (Araceae) 129
Murata, Jin: The systematic position of Arisaema nepenthoides and A. wattii (Araceae) 119
Myrsinaceae 421
Myrsine L. 421

Naregamia 688
—— *africana* (Welw.) Exell 688
Naucleopsis caloneura Ducke 194
Neckeropsis disticha (Hedw.) Kindb. 196
undulata (Hedw.) Reichdt. 196
Negretia mitis Blanco 249
—— *pruriens* Blanco 245
? *Negretia urens* Blanco 234, 240
—— —— Blanco 244
Neodypsis decaryi 68
Neohemsleya Pennington 391, 470, 479
—— *usambarensis* T.D. Penn. 392, 479
Neolemonniera Heine 386, 391, 470, 474
—— *clitandrifolia* (Chev.) Heine 387, 407, 474
—— *ogouensis* (Pierre ex Dub.) Heine 392, 474
Nesoluma 391, 470, 479
—— *polynesica* (Hillebr.) Baill. 392, 479
New Caledonia: An overlooked species of Jasminum from New Caledonia. Studies in the genus Jasminum (Oleaceae): XII, P.S. Green 69
A new combination for a Malawian Peristrophe (Acanthaceae), R.K. Brummitt 290
A new combination in Adiantum (Adiantaceae), B. Verdcourt 272
A new combination in Clitoria (Leguminosae-Papilionoideae), R.H. Smith & G.P. Lewis 320
A new combination in Dolichopsis (Leguminosae-Papilionoideae), G.P. Lewis 354
A new combination in Pseudopiptadenia (Leguminosae: Mimosoideae), G.P. Lewis 118
A new combination in Typhonium (Araceae), J. Murata & S.J. Mayo 129
A new combination in Wattakaka (Asclepiadaceae), A.P. Jagtap & N.P. Singh 359
A new genus of Amaranthaceae from Somalia. Notes on Amaranthaceae: XXII, C.C. Townsend 101
A new species of Corchorus (Tiliaceae) from Somalia, Sebsebe Demissew 355
New species of Cuphea (Lythraceae) from Brazil, Taciana Barbosa Cavalcanti 253
A new species of Dignathia (Gramineae) from Kenya, T.A. Cope 710
A new species of Periploca (Asclepiadaceae) from southwest Arabia, D.J. Goyder & L. Boulos 133
A new species of Plectranthus (Labiatae) from Malawi and adjacent countries, A.J. Paton & R.K. Brummitt 523
A new species of Salsola from Oman. Studies in the Chenopodiaceae of Arabia: 3, Loutfy Boulos 297

A new species

A new species of Siphonochilus (Zingiberaceae) from Tanzania, J.M. Lock 269
A new species of Turraea (Meliaceae) from Somalia and a note on the species in continental Africa, Martin Cheek 683
A new species of Vellozia from the Espinhaço Range, Brazil, with some considerations on the section Xerophytoides, Renato de Mello-Silva 321
New species, combinations and synonyms for Zygia, Cojoba, Marmaroxylon and Pithecellobium (Leguminosae-Mimosoideae, Ingeae), Maria de L. Rico-Arce 493
A new suffruticose Psilotrichum from Tanzania. Notes on Amaranthaceae: XXIII, C.C. Townsend 573
Newtonia Baill. sect. *Neonewtonia* Burkart 118
Nic Lughadha, E. *Reviewer*: Morphology of flowers and inflorescences, by F. Weberling & R.J. Pankhurst (Transl.) 375
Niemeyera F. v. Muell. 391, 398, 401, 409, 411, 471, 489
—— *antiloga* (F. Muell.) T.D. Penn. 402, 489
—— *balansae* (Baill.) Aubrév. 402, 489
—— *chartacea* (Bailey) White 392, 489
—— *deplanchei* (Baill.) T.D. Penn. 402, 489
—— *francei* (Guill. & Dub.) T.D. Penn. 402, 489
—— *lissophylla* (Pierre ex Baill.)T.D. Penn. 401, 489
—— sp. 402, 489
Northia Hook.f. 386, 407, 470, 474
—— *seychellana* Hook. f. 387, 474
Notes on African Euphorbiaceae XXV: Jatropha (vi), A. Radcliffe-Smith 141
Notes on African Euphorbiaceae XXVI: Erythrococca (v), A. Radcliffe-Smith 331
Notes on Arabian Euphorbiaceae III. A new Jatropha from former South Yemen, A. Radcliffe-Smith 327
Notes on Compositae-Astereae for the 'Flore des Mascareignes', A.J. Scott 339
Notes on Dicoma Cass. (Compositae), G.V. Pope 699
Notes on Madagascan Euphorbiaceae IV: The genus Suregada in Madagascar and the Comoro Is., A. Radcliffe-Smith 711
Notes on Oleaceae for 'Flora Mesoamericana', P.S. Green 273
Notes on Pinanga (Palmae) in Sarawak, John Dransfield 691
Notes on Suaeda Forssk. ex Scop. Studies in the Chenopodiaceae of Arabia: 2, Loutfy Boulos 291
Nothopegia Blume †542
—— *aureo-fulva* Beddome 542
—— *beddomei* 543
—— *colebrookiana* (Wight) Blume 542, †543
—— —— var. *colebrookiana* †543
—— —— var. *heyneana* 542, †543
—— —— var. *macrocarpa* 542
—— *dalzellii* Gamble 543
—— *heyneana* Gamble 543
—— *travancorica* Beddome 542
—— var. *angustifolia* Gamble 543
—— var. *macrocarpa* 543
Notylia punctata (Ker.) Lindl. 192
Nyctaginaceae 273

Obolinga
Obolinga 504
—— *zanonii* 504
Octoblepharum albidum Hedw. 196
—— *cocuiense* Mitt. 196
Olea L. †544
—— *bournei* Fyson 544-5
—— *paniculata* R. Br. 544, †545
Oleaceae: Notes on Oleaceae for 'Flora Mesoamericana', P.S. Green 273
Oleaceae: An overlooked species of Jasminum from New Caledonia. Studies in the genus Jasminum (Oleaceae): XII, P.S. Green 69
Oleaceae 273, 275, †544
Oligotheca 408
Oman: A new species of Salsola from Oman. Studies in the Chenopodiaceae of Arabia: 3, Loutfy Boulos 297
Omphalocarpaceae 402
Omphalocarpeae 402-3, 409
Omphalocarpum 381, 401, 403, 420, 471, 491
—— *ahia* Chev. 403, 491
—— *bequaertii* De Wild. 402, 491
—— *elatum* De Wild. 403, 491
—— *mayumbense* Greves 394, 403, 409, 471
Oncostemum A. Juss. 421
Orania 66
Orchidaceae: Coelogyne susanae, a new species of Orchidaceae from the Solomon Islands and Bougainville, B.A. Lewis & P.J. Cribb 317
Orleanesia amazonica Pabst 192
Ornithocephalus sp. aff. *kruegeri* Reichb.f. 192
Ornithogalum 315
An overlooked species of Jasminum from New Caledonia. Studies in the genus Jasminum (Oleaceae):XII, P.S. Green 69
Oxyrhynchus 354
Oxythece Miq. 382, 403, 409, 410

P.S. Green: Three Australian species of Cheilanthes: a response to P.S. Green, T.C. Chambers & P.A. Farrant 727
Painteria 493
Palaquium 386, 389, 391-2, 408, 415, 418, 422, 470, 474
—— *burckii* Lam 388, 474
—— *calophyllum* (Teysm. & Binn.) Pierre 390, 474
—— *cochlearifolium* Royen 390, 474
—— *dasyphyllum* (Vriese) Pierre ex Dub. 387, 475
—— *ellipticum* (Dalz.) Baill. 387, 422, 475
—— *fijiense* Pierre ex Dub. 390, 475
—— *formosanum* Hayata 390, 475
—— *galactoxylum* (F. Muell.) Lam 390, 475
—— *grande* (Thwaites) Engl. 388, 475
—— *gutta* (Hook.f.) Baill. 390, 475
—— *hexandrum* (Griffith) Baill. 390, 475
—— *hornei* (Hartog) Dub. 390, 475
—— *leiocarpum* Boerl. 390, 475
—— *lobbianum* Burck 390, 475
—— *microphyllum* King & Gamble 392, 475
—— *multiflorum* Pierre ex Dub. 390, 475
—— *neo-ebudicum* Guill. 390, 475
—— *obovatum* (Griffith) Engl. 389, 475
—— *ottolandieri* Koord. & Valet. 388, 475
—— *philippense* C.B. Robinson 390, 475
—— *polyanthum* Engl. 389, 475
Palaquium
Palaquium pseudorostratum Lam 390, 475
—— *quercifolium* (Vriese) Burck. 394, 475
—— *ridleyi* King & Gamble 390, 475
—— *rioense* Lam 387, 475
—— *rivulare* Lam 387, 475
—— *rostratum* Lam 390, 475
—— *rufolanigerum* Royen 390, 475
—— *sericeum* Lam 390, 475
—— *stipulare* Pierre ex Dub. 390, 475
—— *walsuraefolium* Pierre ex Dub. 387, 475
—— sp. 388, 390, 475
Palmae: Arecoideae: Lemurophoenix (Palmae: Arecoideae), a new genus from Madagascar, John Dransfield 61
Palmae: Notes on Pinanga (Palmae) in Sarawak, John Dransfield 691
Palmae 66, 253
—— subfam. *Arecoideae* 66
—— subfam. *Phytelephantoideae* 66
—— subtribe *Dypsidinae* 66
—— subtribe *Iguanurinae* 66
—— subtribe *Manicariinae* 66
—— subtribe *Oraniinae* 66
—— tribe *Areceae* 66
Palni Hills: Precursory notes for a Flora of the Palni Hills, South India, K.M. Matthew 539
Panicum dorsense S.M. Phillips †535
—— *maximum* Jacq. 202
—— *pusillum* Hook.f. 535
Panigrahi, G. & Murti, S.K.: Flora of Bilaspur District, M.P. Vol. 1 Ranunculaceae to Convolvulaceae (Rev.) 182
Papaver 601
Paragelonium Leandri 711
Parnell, J.: Pollen morphology of Jovibarba Opiz and Sempervivum L.(Crassulaceae) 733
Parris, B.S.: Noteworthy species of Grammitidaceae from South-east Asia (Rev.) 583
Paton, A.J. & Brummitt, R.K.: A new species of Plectranthus (Labiatae) from Malawi and adjacent countries 523
Payena A.DC. 386, 408, 411, 415, 470, 477
—— *acuminata* (Blume) Pierre 389, 477
—— *dasyphylla* (Vriese) Pierre ex Dub. 388, 477
—— *endertii* Lam 388, 477
—— *lanceolata* Ridley 387, 477
—— *lucida* (Wall. ex Don) Bachni 387, 477
—— *maingayi* Clarke 388, 477
—— *microphylla* Burck 387, 477
—— *obscura* Burck 388, 477
Pegia ? colebrookiana Wight 542
Pelagodoxa 66
Peltandra 627
Pennington, T. *Reviewer*: Contribución a la Flora de la Amazonia Peruana. Los árboles del Arborétum Jenaro Herrera. Volumen 1, Moraceae a Leguminosae, by Rodolphe Spichiger, Jacqueline Méroz, Pierre-André Loizeau & Liliane Stutz de Ortega 587
Pennisetum thulinii S.M. Phillips †535-6
—— *uliginosum* Hackel 535-6
Periploca: A new species of Periploca (Asclepiadaceae) from southwest Arabia, D.J. Goyder & L. Boulos 133
Periploca ser. *Laevigatae* 135
—— ser. *Laevigatum* 133

Periploca

Periploca brevicoronata D.J. Goyder & L. Boulos †133, *134-5
—— *laevigata* 135
—— sp. nov. aff. —— 135
Peristrophe: A new combination for a Malawian Peristrophe (Acanthaceae), R.K. Brummitt 290
Peristrophe 290
—— *aculeata* (C.B. Clarke) Brummitt †290
—— *bicalyculata* (Retz.) Nees 290
—— *paniculata* (Forssk.) Brummitt 290
Philippines: A revision of Mucuna (Leguminosae-Phaseoleae) in the Philippines, C.M. Wilmot-Dear 213
Phillips, S.M.: Four new species of Eragrostis (Gramineae) from northeast tropical Africa 111
Phillips, S.M.: Some new species of Gramineae from Ethiopia 535
Philodendron: A revision of Philodendron subgenus Meconostigma (Araceae), S.J. Mayo 601
Philodendron Schott 601-2, 604, 610, 612-3, 617, 621, 623-4, 627, 651
—— sect. *Meconostigma* (Schott) Schott 628
—— sect. *Sphincterostigma* (Schott) Schott 628
—— subgen. *limnestis* Dilcher & Daghlian 627
—— Schott subgen. *Meconostigma* (Schott) Engler 601-2, *603-4, 606-7, 609, 610, 612-3, 615, 617, 623-6, †627, 629, 630, 655, 660
—— subgen. *Philodendron* 602, 604, 606, 610, 624, 626, 630
—— subgen. *Pteromischum* 604, 606, 610, 625
—— *adamantinum* 610, 626, 629, †631, 634
—— *albomarginatum* 617
—— *bipinnatifidum* Schott ex Endlicher 602, *603-4, 606-7, 612, 617-8, 623-6, 629, †634, 640, 642-3, 671
—— —— × *Philodendron* speciosum 602
—— —— Schott ex Endl. var. *lundii* (Warming) Endl. 636
—— *brasiliense* Engler 610, 626-7, 630, †643-4, 648-649, 663, 666-7, 671
—— *brasiliensis* Engler 648, 666
—— *cannifolium* 624
—— *corcovadense* Kunth *603, 604, 606-7, 610, 623, 626-7, 630, †644, 647, 675-6
—— *cymbispathum* Engler 643
—— *dardanianum* Mayo 626, 630, †648-9, 667
—— *dubium* Chodat & Vischer 623, 664-6
—— *eichleri* 668, 670-1
—— × *evansii* 602, 671
—— *gaudichaudianum* Schott 647
—— *giganteum* 617
—— *goeldii* G.M. Barroso 602, *603-4, 606-7, 610, 613, 615, 617, 624-6, 629, 649, 651, 655, 660
—— *grandifolium* 624
—— *leal-costae* Mayo & G.M. Barroso *603-4, 607, 610, 613, 615, 624-6, 629, †651, 655
—— *limnestis* 627
—— *lundii* 617, 625, 636, 642
—— *macrophyllum* 617
—— *martianum* 624
—— *melanochrysum* 617
—— *melanorrhizum* Reitz 644, 648
—— *mello-barretoanum* G.M. Barroso 636, 640, 643
—— *minarum* Engler 630

Philodendron

Philodendron petraeum Chodat & Vischer 623, †675-6
—— var. *genuinum* 675
—— var. *petraeum* 675-6
—— var. *tobatiense* Chodat & Vischer 675-6
—— —— var. *triangulare* Chodat & Vischer 675-6
—— —— var. *valenzuelae* Chodat & Vischer 676
—— *pinnatifidum* 617
—— *pseudoundulatum* Grau 610, †676
—— *pygmaeum* Chodat & Vischer 636, 643
—— *saxicolum* Krause 610, 626, 629, †656, 658
—— *selloum* C. Koch 602, 610, 612, 617-8, 625, 634, 640, 642-3
—— —— C. Koch var. *lundii* (Warming) Engl. 636
—— *solimoesense* A.C. Smith *603-4, 613, 615, 617, 624, 626, 629-31, 658, 673
—— *speciosum* sensu Madison 671
—— Schott ex Endlicher *603, 610, 612-3, 625-7, 630, †660, 663, 671
—— —— × *Philodendron goeldii* 602
—— *Sphincterostigma* Schott 628
—— *spruceanum* (Schott) G.M. Barroso 649, 651
—— —— Bunting 651
—— *tweedianum* Schott *603-4, 610, 623-4, 626-7, 630, †664, 666-7, 671
—— *uliginosum* Mayo 604, 623, 626, 630, 644, 649, †666-7
—— *undulatum* Engler 602, 623, 625-7, 629, 666, †667, 670-1
—— *venezuelense* Bunting 624, 626, 630, †671, 673
—— *williamsii* J.D. Hooker 615, 626, 630, 649, 663, †673, 675
—— *williamsii-speciosum* complex 658
—— sp. *A* 676
—— sp. aff. *saxicolum* Mayo 656, 658
—— sp. aff. *selloum* 621
Phylloporia weberiana (Bres. & P. Henn. ex Sacc.) Ryvarden 687
Phylloscirpus: Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae), P. Goetghebeur & D.A. Simpson 169
Phylloscirpus C.B. Clarke 169, †174-6
—— *acaulis* (Philippi) Goetghebeur & D.A. Simpson †175
—— *andesinus* C.B. Clarke 174-5
Pichonia Pierre 386, 394, 408, 471, 488
—— *calomeris* (Baill.) T.D. Penn. 389, 408, 488
—— *deplanchei* (Baill.) T.D. Penn. 395, 488
—— *lauterbachiana* (Lam) Baehni 395, 488
—— *solomonensis* Royen 395, 488
Pierrisideroxylon sect. *Rivicoa* (A. DC.) Baehni 482
Pieterse, A.H. & Murphy, K.J. (Eds.): Aquatic Weeds: The Ecology and Management of Nuisance Aquatic Vegetation (Rev.) 584
Pilosium chlorophyllum (Hornsch) C. Müll. 196
Pilotrichella sp. 196
Pinanga: Notes on Pinanga (Palmae) in Sarawak, John Dransfield 691
Pinanga 691

Pinanga

Pinanga cucullata J. Dransf. †691, *692
—— *ligulata* Becc. 695, 697
—— *malaiana* (Griff.) Scheff. var. *barramensis* Becc. ex Martelli 697
—— *mirabilis* Becc. 697
—— *pachyphylla* J. Dransf. †695, *696-7
—— *patula* Bl. 695, 697
—— *rivularis* Becc. 693, 695
—— *rupestris* J. Dransf. †693, *694-5
—— *salicifolia* Bl. 691
—— *stricta* Becc. 695, 697
—— *tomentella* Becc. 691, 693
Pinellia pedatisecta Schott 131
Piper aduncum L. 198
Piptadenia: Five new taxa of Piptadenia (Leguminosae: Mimosoideae) from Brazil, G.P. Lewis 159
Piptadenia 168
—— *adiantoides* (Spreng.) Macbr. 164
—— *communis* Benth. var. *stipulacea* Benth. 168
—— *constricta* (Micheli & Rose) Macbr. 159, 160
—— *flava* (Spreng.) Benth. 168
—— *floribunda* Kleinhoonte 162
—— *irwinii* G.P. Lewis †164
—— —— var. *irwinii* *165, †166
—— —— var. *unijuga* G.P. Lewis †166, *167
—— *killipii* Macbr. †166
—— —— var. *cacaophila* G.P. Lewis †166
—— *loefgreniana* Hoehne 166, 168
—— *micrantha* Benth. 166, 168
—— *moniliformis* Benth. 159, 160
—— *multiflora* Ducke 162
—— *obliqua* (Pers.) Macbr. 159, †160
—— —— subsp. *brasiliensis* G.P. Lewis †160, *161
—— —— subsp. *obliqua* †160
—— *pittieri* Harms 118
—— *santosii* Barneby ex G.P. Lewis †162, *163, 164
—— *similis* Britton & Killip 118
—— *stipulacea* (Benth.) Ducke 168
Pireella pohlii (Schwaegr.) Card. 196
Pithecellobium: New species, combinations and synonyms for Zygia, Cojoba, Marmaroxylon and Pithecellobium (Leguminosae-Mimosoideae, Ingeae), Maria de L. Rico-Arce 493
Pithecellobium Mart. 493, †518-9
—— sens. lat. 493
—— Mart. sect. *Caulanthon* Benth. 495
—— sect. *Pithecellobium* †518
—— sect. *Spicatae* L. Rico †518
—— sect. *Unguis-cati* Benth. 518
—— ser. *Callozygia* Barbosa 495
—— *andaquiense* Barbosa 495
—— *austrinum* Standley & L. Williams 507
—— *basijugum* Ducke 515
—— *bifoliolum* Rusby 495
—— *bipinnatum* L. Rico 517, †518-9
—— *brenesii* Standley 495
—— *cataractae* (Kunth) Benth. 496
—— *cauliflorum* 506
—— *chagrense* Pittier 496
—— *chazutense* Standley 507
—— *claviflorum* Spruce ex Benth. 515
—— *coccineum* (G. Don) Benth. 496
—— *collinum* Sandwith 516
—— *cupirense* Barbosa 498

Pithecellobium

Pithecellobium dependens Rusby 500
—— *dinizii* Ducke 516
—— *disciferum* Lundell 505
—— *donnell-smithii* (Britton & Rose) Standley 507
—— *dulce* (Roxb.) Benth. †518
—— *ebano* (Berl.) Muller 520
—— *eperuetorum* Sandwith 516
—— *escuintlense* Lundell 507
—— *flexicaule* (Benth.) Coult. 520
—— *foreroi* Barbosa 500
—— *gentlei* Lundell 507
—— *gigantifoliolum* (Schery) Léon 500
—— *graciliflorum* 512
—— *hernandezii* Barbosa 501
—— *huberi* Ducke 501
—— *jinotegense* Standley & L. Williams 512
—— *juruanum* Harms 501
—— *laxiflorum* Benth. 505
—— —— Rusby 505-6
—— *lehmannii* Harms 495
—— *longiramosum* Ducke 501
—— *macbridei* Barbosa 501
—— *macrandrium* Donn.- Sm. 518-9
—— *macrophyllum* Spruce ex Benth. 495, 501
—— *martinianum* Standley 502
—— *matudai* Lundell 511
—— *megistocarpum* Barbosa 502
—— *membranaceum* (Benth.) Schery 511
—— *micranthum* Benth. 520
—— *ocumarense* (Pittier) Cárdenas 518
—— *odoratissimum* Ducke 504
—— *oriundum* Macbride 504
—— *palmanum* Standley 504
—— *paucijugatum* Lundell 504
—— *peckii* 518-9
—— *picramnioides* Standley 504
—— *pithecolobioides* (Harms) Hassler 505
—— —— var. *reductum* (Malme) Hassler 505
—— *plumosum* Lundell 507
—— *racemosum* Ducke 515
—— *ramiflorum* Benth. 518
—— *recordii* (Britton & Rose) Standley 505, 512
—— *reductum* Malme 504
—— *rufescens* (Benth.) Pittier 511
—— *sanguineum* Benth. 505
—— *schippii* Lundell 507
—— *schultzeanum* Harms 505
—— *selloi* Benth. 505
—— *siltepecense* Lundell 511
—— *solomonii* Barbosa 506
—— *sophorocarpum* Benth. 511-2
—— *stipulare* Benth. 506
—— *texense* Coult. 519
—— *trunciflorum* Ducke 506
—— *tubuliferum* (Benth.) Pittier 511
—— *umbriflorum* Ducke 518
Plaesiantha 338
Plaesianthera (C.B. Clarke) Livera 335-6
—— *thwaitesii* (T. Anders.) Livera 338
Plagiochila thysanotis Spruce 196
Planchonella glabra (Ridl.) Lam. 400, 481
—— *pohlmannia* (F. Muell.) Baehni 400
—— *thiensis* 481
Plectranthus: A new species of Plectranthus (Labiatae) from Malawi and adjacent countries, A.J. Paton & R.K. Brummitt 523
Plectranthus 523, 526
—— subgen. *Burnatastrum* (Briq.) Codd 527

Plectranthus

Plectranthus adenophorus Gürke 527
— *gracillimus* (T.C.E. Fries) Hutch. & Dandy 527
—— *modestus* Baker 527
—— *schlechteri* (T.C.E. Fries) Hutch. & Dandy 527
—— *selukwensis* N.E. Br. 523, 527
—— *seyanii* Paton & Brummitt †523-4, *525-7
—— *stenosiphon* Baker 523, 527
—— sp. 523, 527
Pleiomeris A. DC. 421
Pleurothallis nanifolia Foldats 192
—— *picta* Lindl. 192
Poecilanthe effusa Ducke 194, 198
Pollen morphology of Jovibarba Opiz and Sempervivum L.(Crassulaceae), J. Parnell 733
The pollen morphology of Sclerochiton (Acanthaceae: Acantheae), C.A. Furness 51
The pollen morphology of the Sapotaceae, Madeline M. Harley 379
Polybotrya cf. *caudata* Kze. 194
Polypodium bombycinum Maxon 194
—— *ciliatum* Willd. 194
—— *fuscopunctata* (Hook.) Vareschi 194
—— *juglandifolium* H. & B. 194
—— *percussum* Cav. 194
—— *phyllitidis* L. 194
Polystachya estrellensis Reichb.f. 192
—— *foliosa* (Lindl.) Reichb. 192
Pope, G.V.: Notes on Dicoma Cass. (Compositae) 699
Pourouma guianensis Aubl. 194
Pouteria Aubl. 382, 391-2, 394, 396, 398, 400-5, 408-10, 413, 415, 418, 420, 470, 480
—— sect. *Aneulucuma* (Radlk.) Pennington 399-401, 470, 482
—— sect. *Antholucuma* 395, 470, 482
—— sect. *Aubregrinia* 470
—— sect. *Breviea* 470
—— sect. *Franchetella* (Pierre) Eyma 392, 397, 399-401, 405, 470, 484
—— sect. *Gayella* (Pierre) Pennington 392, 397, 399, 400, 404, 470, 482
—— sect. *Micropholis* 470
—— sect. *Oligotheca* (A. DC.) Baehni 395, 398, 400-2, 470, 480
—— sect. *Oxythece* 393, 399, 400, 403, 470
—— sect. *Pierrisideroxylon* 400-1, 470, 481
—— sect. *Pouteria* 395, 399-401, 470, 483
—— sect. *Rivicola* (A. DC.) Baehni 392, 395, 399, 401-3, 470, 482
—— *alnifolia* 401-2, 418, 482
—— *altissima* (Chev.) Baehni 392, 482
—— *ambelaniifolia* (Sandwith) T.D. Penn. 400, 483
—— *amieuana* Guill. 401, 480
—— *australis* (R. Br.) Baehni 400, 480
—— *baillonii* (Zahlbr.) Baehni 400, 480
—— *balanseana* (Pierre ex Baill.) Baehni 402, 480
—— *bangii* (Rusby) T.D. Penn. 400, 484
—— *baueri* (Montr.) Baehni 400, 480
—— *belizensis* (Standl.) Cronq. 400, 484
—— *brownlessiana* (F. Muell.) Baehni 398, 480
—— *caimito* 398-9, 483

Pouteria

Pouteria campechiana (Kunth) Baehni 395, 408, 482
—— *cinerea* (Panch. ex Baill.) Baehni 401, 480
—— *cladantha* Sandwith 400, 405, 410, 484
—— *coriacea* (Pierre) Pierre 400, 484
—— *cotinifolia* (A. DC.) Baehni 398, 480
—— *cuspidata* (A. DC.) Baehni subsp. *cuspidata* 399, 403, 483
—— — subsp. *dura* (Eyma) T.D. Penn. 403, 483
—— —— subsp. *robusta* (Mart. & Eichl.) T.D. Penn. 403, 483
—— *decussata* (Ducke) Baehni 399, 482
—— *dictyoneura* (Griseb.) Radlk. subsp *dictyoneura* 397, 484
—— *domingensis* (Gaertn.) Baehni subsp. *cuprea* (Urban & Ekman) T.D. Penn. 395, 482
—— *durlandii* (Standl.) Baehni subsp. *durlandii* 400-1, 484
—— *egregia* Sandwith 400, 484
—— *engleri* Eyma 400, 484
—— *ephedrantha* (A.C. Sm.) T.D. Penn. 399, 482
—— *eugeniifolia* (Pierre) Baehni 400, 482
—— *firma* (Miq.) Baehni 398, 401, 480
—— *frieseana* (Pierre ex Burck) Baehni 400
gabrielensis (Gilly ex Aubrév.) T.D. Penn. 403, 483
—— *gardneri* (Mart. & Miq.) Baehni 400-1, 484
—— *gardneriana* (A. DC.) Radlk. 395, 483
—— *glomerata* (Miq.) Radlk. subsp. *glomerata* 401, 483
—— *gomphiaefolia* (Mart.) Radlk. 401, 483
—— *grandiflora* (A. DC.) Baehni 395, 482
—— *grandifolia* (Wall.) Baehni 401, 480
—— *guianensis* Aublet 399, 483
—— *hochreutineri* (Lam) Lam 400, 481
—— *kaernbachiana* (Engl.) Baehni 400, 481
—— *kaieteurensis* T.D. Penn. 400, 483
—— *kevensis* (Lam) Baehni 395, 480
—— *laurifolia* Radlk. 395, 480
—— *linggensis* (Burck) Baehni 400, 480
—— *longifolia* (Mart. & Eichl.) T.D. Penn. 404, 410, 482
—— *maclayana* (F. Muell.) Baehni 398, 480
—— *macrantha* (Merrill) Baehni 398, 480
—— *macrophylla* (Lamk.) Eyma 395, 482
—— *malaccensis* (C.B. Clarke) Baehni 398, 480
—— *multiflora* (A. DC.) Eyma 395, 482
—— *multinervis* T.D. Penn. 401, 481
—— *myrsinoides* (Cunn. ex Benth.) Baehni 398, 480
—— *nemorosa* Baehni 400, 482
—— *nitida* Radlk. 400, 480
—— *novo-zeylandica* 418
—— *obovata* (R. Br.) Baehni 400-1, 481
—— *obovoidea* (Lam) Baehni 400, 481
—— *opposita* (Ducke) Penn. 393, 483
—— *oppositifolia* (Ducke) Baehni 400, 481
—— *pallida* (Gaertn.f.) Baehni 403, 483
—— *pinifolia* (Baill.) Baehni 402, 481
—— *pohlmannia* (F. Muell.) Baehni 400, 481
—— *procera* (Mart.) T.D. Penn. 400, 482
—— *ptychandra* (Eyma) T.D. Penn. 403
—— *ramiflora* (Mart.) Radlk. 392, 401, 484
—— *reticulata* (Engl.) Eyma 400
—— — subsp. *reticulata* 392, 484

Pouteria

Pouteria rigida (Mart. & Eichl.) Radlk. subsp. *tomentosa* (Aubrév.) T.D. Penn. 393, 483
—— *robusta* (Mart. & Eichl.) Eyma 395, 482
—— *rubicunda* (Pierre) Baehni 399, 481
—— *sagotiana*(Baill.) Eyma 392, 485
—— *sandwicensis* (A. Gray) Baehni 400, 481
—— *sapota* (Jacq.) H.E. Moore & Stearn 401-2
—— *sarcospermoides* (Lam) Lam 401, 481
—— *schomburgkiana* (A. D.C.) Cronq. 402
—— *scrobiculata* Monachino 403, 484
—— *sebertii* (Panch.) Baehni 401, 481
—— *sericea* (Ait.) Baehni 400, 402, 481
—— *sessilis* 481
—— *singuliflora* (C.T. White & Francis) Baehni 399, 481
—— *speciosa* 399, 401, 482
—— *splendens* (A. DC.) Kuntze 392, 397, 482
—— *thyrsoidea* (White) T.D. Penn. 401, 481
—— *toricellensis* (K. Schum.) Baehni 400, 481
—— *torta* ((Mart.) Radlk. 400, 403
—— —— subsp. *glabra* T.D. Penn. 400, 483
—— —— subsp. *torta* 400, 483
—— *ucuqui* Pires & Schultes 399, 400, 485
—— *unmackiana* (Bailey) Baehni 401, 481
—— *velutina* (Elmer) Baehni 400, 481
—— *venosa* (Mart.) Baehni subsp. *amazonica* T.D. Penn. 395, 482
—— *vernicosa* T.D. Penn. 405, 410, 485
—— *vrieseana* (Pierre ex Burck) Baehni 400, 481
—— *wakere* (Panch. et Seb.) Baehni 401, 481
—— sp. 399, 400, 403, 481-2
—— sp. aff. —— 485
Pradosia Liais 391-2, 398, 401, 409, 411, 471, 489
—— *atroviolacea* Ducke 402, 489
—— *beardii* (Monachino) T.D. Penn. 392, 489
—— *brevipes* (Pierre) T.D. Penn. 393, 489
—— *cuatrecasasii* (Aubrév.) T.D. Penn. 403, 409, 489
—— *ptychandra* (Eyma) T.D. Penn. 401
—— *schomburgkiana* (A. DC.) Cronq. subsp. *schomburgkiana* 392, 489
—— *subverticillata* Ducke 400, 490
Prance, G.T.: Two new species of Neotropical Chrysobalanaceae 105
Prance, Ghillean T., Lisboa, Pedro L.B. & Maciel, Ubirajara N.: Some effects of colonization on the tropical flora of Amazonia: a case study from Rondônia 187
Precursory notes for a Flora of the Palni Hills, South India, K.M. Matthew 539
Prodecatoma sp. 623
Protium Burm.f. 420, 423
—— *caudatum* Wight & Arn. 539
—— *pubescens* Wight & Arn. 540
Pseudoblepharis Baill. 2, 8
—— *boivinii* Baill. 2, 8, 23
—— *coeruleus* Lindau 39, 42
—— *dusenii* Lindau 50
—— *glischrocalyx* 36
—— *grandidieri* (Baillon) Lindau 50
—— *heinsenii* Lindau 23
—— *holstii* Lindau 46
—— *insignis* Mildbr. 20
—— *nitida* (S. Moore) Lindau 48
—— *obtusisepalus* (C.B. Clarke) Lindau 30
—— *preussii* Lindau 20

Pseudolmedia

Pseudolmedia macrophylla Tréc. 194
—— sp. nov. aff. *laevis* Macbr. 194
Pseudopiptadenia: Another new combination in Pseudopiptadenia (Leguminosae-Mimosoideae), G.P. Lewis 358
Pseudopiptadenia: A new combination in Pseudopiptadenia (Leguminosae: Mimosoideae), G.P. Lewis 118
Pseudopiptadenia 118, 358
—— *colombiana* (Britton & Killip) G.P. Lewis †358
—— *pittieri* (Harms) G.P. Lewis †118, 358
Pseudosamanea 493
Psiadia 339, *340, †341, *342, *344-5, 352
—— sect. *Frappieria* 339
—— sect. *Glutinaria* 339
—— sect. *Psiadiastrum* 339
—— sect. *Tubifera* 339
—— *ambigua* 339
—— *amygdalina* (Lam.) Cordem. 339, 341, *342, †348
—— *anchusifolia* (Poir.) Cordem. 339, 341, *344, †348
—— *argentea* (Lam.) Cordem. 339, 343, *344, †348
—— *arguta* (Pers.) Voigt 339, *340-1, 345, †349
—— *aspera* (Bory) Cordem. 339, 343, *344, 346, †349
—— *boivini* (Klatt) Robinson 341, *344, †349
—— *callocephala* (Bory) Cordem. 339, 343, *344, †349
—— *canescens* A.J. Scott 341, *342, †343
—— *cataractae* A.J. Scott *340-1, †343, 345
—— *ceylanica* (Arn.) Grierson 341
—— *dentata* (Cass.) DC. 339, *340-1, †350
—— *frappieri* 339
—— *glutinosa* (Lam.) Jacq. 339
—— *insignis* 339, 341, *342, †350
—— *laurifolia* (Lam.) Cordem. 339, 341, *342, †350
—— *linearifolia* 339
—— *lithospermifolia* (Lam.) Cordem. 339, 341, *342-3, †350
—— *littoralis* (Cordem.) Cordem. 339
—— *mauritiana* *340, 341, †345
—— *melastomatoides* (Lam.) A.J. Scott 341, *344, †347
—— *montana* (Cordem.) Cordem. 339, 343, *344, †351
—— *penninervia* DC. 339, *340-1, 345, †351
—— *pollicina* A.J. Scott *340-1, †345
—— *punctulata* (DC.) Vatke 341
—— *retusa* (Lam.) DC. 339, *340-1, †351
—— *rivalsii* A.J. Scott 343, *344, †346
—— *rodriguesiana* 339, *340-1, †351
—— —— var. *macrodon* 339
—— *salaziana* Cordem. 339, 343, *344, †352
—— *scabra* 339
—— *schweinfurthii* Balf.f 341
—— *sericea* Cordem. 339, 343, *344, †352
—— *terebinthina* A.J. Scott *340-1, 346, 348
—— *thermalis* (Cordem.) Cordem. 339
—— *trinervia* (Lam.) Willd. 339
—— —— var. *lanceolata* 351
—— *viscosa* (Lam.) A.J. Scott *340-1, 343, 345-6, †347
Psilastephanocolporites malacanthoides Jan du Chêne et al. 418
—— *perforatus* Salard-Cheboldaeff 418

Psilastephanocolporites

Psilastephanocolporites punctatus 418
Psilatricolporites Van der Hammen 420
—— *maculosus* Regali,Uesugui & Santos 420
—— *pachydermatus* Lorente 420
Psilodendron leal-costae 626
Psilotrichum: A new suffruticose Psilotrichum from Tanzania. Notes on Amaranthaceae: XXIII, C.C. Townsend 573
Psilotrichum 573, 576
—— *cyathuloides* 576
—— *elliotii* Bak. 573, 576
—— *majus* Peter 573
—— *scleranthum* Thw. 573, 576
—— *suffruticosum* C.C. Townsend †573, *574, 576
Pteris biaurita L. 194
—— *humilis* 727
Pteromischum 601
—— *pinnatifidum* 610
Ptychandra 489
Punjuba 493
—— *dependens* (Rusby) Killip 500
Pycnandra Benth. 394, 401, 409, 411, 471, 490
—— *benthamii* Baill. 396, 490
—— *controversa* (Guill.) Vink 396, 403, 409, 490
—— *kaalaënsis* Aubrév. 396, 490
—— *vieillardii* (Baill.) Vink 396, 490
—— sp. 396, 490
—— sp. aff. —— 396, 490

Quercus leucotrichophora 87

Radcliffe-Smith, A.: Notes on African Euphorbiaceae XXV: Jatropha (vi) 141
Radcliffe-Smith, A.: Notes on African Euphorbiaceae XXVI: Erythrococca (v) 331
Radcliffe-Smith, A.: Notes on Arabian Euphorbiaceae III. A new Jatropha from former South Yemen 327
Radcliffe-Smith, A.: Notes on Madagascan Euphorbiaceae IV: The genus Suregada in Madagascar and the Comoro Is. 711
Radcliffe-Smith, A. *Reviewer*: Flora of Bilaspur District, M.P. Vol. 1 Ranunculaceae to Convolvulaceae, by G. Panigrahi & S.K. Murti 182
Radcliffe-Smith, A. *Reviewer*: Evolution, Systematics and Fossil History of the Hamamelidae: Systematics Association. Special Volume Nos. 40A & B. Vol. 1: Introduction and 'Lower' Hamamelidae; Vol. 2 'Higher' Hamamelidae, by Peter R. Crane & Stephen Blackmore 577
Radula sp. 196
Randia brandisii 543-4
—— *dumetorum* 543-4
dumetorum-brandisii complex 543
—— *longispina* complex 543
Rapanea Aubl. 421
Raphael, Sandra: Oak Spring Sylva; a selection of the rare books on trees in the Oak Spring Garden Library (Rev.) 368
Rechinger, K.H., Browicz, K., Persson, K. & Wendelbo, P.: Flora Iranica. No. 165. Liliaceae II (Rev.) 584

A revision of Mucuna

A revision of Mucuna (Leguminosae-Phaseoleae) in the Philippines, C.M. Wilmot-Dear 213
A revision of Philodendron subgenus Meconostigma (Araceae), S.J. Mayo 601
A revision of the African genus Sclerochiton (Acanthaceae: Acantheae), Kaj Vollesen 1
Reynolds, T. *Reviewer*: Isozymes in Plant Biology, by D.E. Soltis & P.S. Soltis (Eds.) Theodore R. Dudley (Gen. Ed.) 587
Rhamnus madagascarianus Pourret 725
Rhamphogyne S. Moore 339, †352, 353
—— *rhynchocarpa* (Balf.f.) S. Moore †353
Rhektophyllum 613
Rhododendron 82, 83
—— sp. 98
Rhynchospora 174
Rhytismatales: Lophodermium and Hypoderma (Rhytismatales) from Mt Kinabalu, Sabah, B.M. Spooner 73
Riccardia sp. 196
Rico-Arce, Maria de L.: New species, combinations and synonyms for Zygia, Cojoba, Marmaroxylon and Pithecellobium (Leguminosae-Mimosoideae, Ingeae) 493
Ringentiarum Nakai 127
Rivicoa 408
Rodriguesia cf. *lanceolata* Ruiz & Pavon 192
Rollinia exsucca (Dun.) A. DC. 195, 198
Romo i Díez, Angel M.: Flora i vegetació del Montsec (Pre-Pirineus Catalans) (Rev.) 585
Romo i Díez, Angel M.: Plantas Vasculars del quadrat UTM 31T CG46 Abella de la Conca (Rev.) 585
Rondônia: Some effects of colonization on the tropical flora of Amazonia: a case study from Rondônia, Pedro L.B. Lisboa, Ubirajara N. Maciel & Ghillean T. Prance 187
Rosifax C.C. Townsend 101
—— *sabuletorum* C.C. Townsend †101, *102
Rowlatt, U. *Reviewer*: Aquatic Weeds: The Ecology and Management of Nuisance Aquatic Vegetation, by A.H. Pieterse & K.J. Murphy (Eds.) 584
Roystonea oleracea 66
Ruagea Karst. 423
Rubiaceae †543
Rubus 98

Sabah: Lophodermium and Hypoderma (Rhytismatales) from Mt Kinabalu, Sabah, B.M. Spooner 73
Saccoloma inaequale (Kze.) Mett 194
Salsola imbricata: The identity, typification and distribution of Salsola imbricata Forsskål. Studies in the Chenopodiaceae of Arabia 1, Loutfy Boulos 137
Salsola: A new species of Salsola from Oman. Studies in the Chenopodiaceae of Arabia: 3, Loutfy Boulos 297
Salsola 139
—— sect. *Balanthera* Iljin 299
—— *baryosma* (Roem. & Schult.) Dandy 138-9
—— *baryosma* (Schult. ex Roem. & Schult.) Dandy 139
—— —— (Schult.) Dandy 139

Salsola
Salsola baryosma (Schult.) Dandy subsp. *baryosma* 139
—— —— subsp. *gaetula* (Maire) Freitag 139
—— *foetida* Del. 137-8
—— —— Del. ex Spreng. 138-9
—— —— var. —— Maire 139
—— *forskalii* Schweinf. 137-8
—— *forsskalii* Schweinf. 139
—— *imbricata* Forsskål 137, †138-9, 140
—— *longifolia* Forsskål 139
—— *mollis* Desf. 294
—— *omanensis* Boulos †297, *298
—— *pycnophylla* Brenan 297, 299
—— *spinescens* Moq. 139, 140
Samanea 493
Sandoricum Cav. 423
Sapindales 421
Sapium marmieri 195, 198
Sapotaceae: The pollen morphology of the Sapotaceae, Madeline M. Harley 379
Sapotaceae 381-2, 406-8, 411-2, 414-8, 420-3
—— subfam. *Madhucoideae* 407
—— subfam. *Mimusopoideae* 407
—— subfam. *Omphalocarpoideae* 395, 407
—— subfam. *Sideroxyloideae* 407, 408
—— subtribe *Glueminae* 387, 390, 392, 407, 470, 474
—— subtribe *Isonanadreae* 387
—— subtribe *Manilkarinae* 387-8, 390-2, 394, 408, 470, 473
—— subtribe *Mimusopinae* Aubrév. 387-8, 390-2, 394-5, 397, 470, 472
—— subtribe *Sideroxyleae* 394
—— tribe *Chrysophylleae* Hartog 387-93, 395-402, 404, 406-7, 409-10, 414-5, 470, 480
—— tribe *Isonandreae* 388-90, 392, 394, 399, 407-8, 410, 470
—— tribe *Manilkarinae* 388, 407
—— tribe *Mimusopeae* Hartog 387, 388, 390-2, 394-5, 397, 407-10, 414, 470, 472
—— tribe *Omphalocarpeae* Dub. 388, 407-10, 415, 471, 491
—— tribe *Sideroxyleae* 387, 390, 392-3, 396-7, 399, 400, 405, 407-8, 414, 470, 478
—— sect. *Oxythece* (Miq.) Eyma 483
—— *Sideroxyleae* 409
Sapotaceoidaepollenites africana 418
—— *arcotense* 418
—— *communis* 418
—— *micromanifestus* Thoms. 417
—— *neyvelii* 418
—— *oblongatus* Venkatachala & Rawat 418
—— *oblongus* Venkatachala & Rawat 418
—— *obscurus* 418
—— *parvus* 418
—— *robustus* Muller 417
—— *rotundus* Harris 418
—— sp. Pot Thoms. & Thierg. 418
Sarawak: Notes on Pinanga (Palmae) in Sarawak, John Dransfield 691
Sarcanthemum Cass. 339, 341, †352
—— *coronopus* (Lam.) Cass. 339, 341, †352
Sarcaulus Radlk. 382, 404, 410, 411, 413, 416, 471, 488
—— *brasiliensis* (A. DC.) Eyma subsp. *brasiliensis* 404, 488
—— *oblatus* T.D. Penn. 404, 489
—— *wurdackii* Aubrév. 404, 489
Sarcosperma Hook.f. 392, 408, 411, 417, 470, 479

Sarcosperma
Sarcosperma arboreum Benth. ex Clarke 393, 479
—— *griffithii* Hook.f. ex Clarke 393, 479
—— *kachinense* (King & Prain) Exell. 393, 480
—— *laurina* (Benth.) Hook.f. 393, 480
—— *paniculatum* (King) Stapf & King 393, 480
Sarcospermaceae 408
Sarcospermataceae 408
Sauromatum 129, 131, 618
—— *venosum* (Ait.) Vent. *130-1
Scaphyglottis ochroleuca Schltr. 192
Schanginia C.A. Meyer 294
—— *aegyptiaca* (Hasselq.) Allen 295
—— *baccata* (Forssk. ex J.F. Gmel.) Moq. 295
—— —— (Forssk.) Moq. 294
—— *hortensis* (Forssk. ex J.F. Gmel.) Moq. 295
Schizolobium amazonicum Hub. 198
Schizomitrium pallidum (Hornsch.) Crum & Anders. 196
—— sp. 196
Schoenoplectus 170, 172, 176
—— subgen. *Actinoscirpus* 170
—— *grossus* (L.f.) Palla 170-1
Schweingruber, Fritz Hans: Anatomy of European woods. An atlas for the identification of European trees, shrubs and dwarf shrubs (Rev.) 744
Scirpus 169, 170, 172-5
—— sect. *Actinoscirpus* Ohwi 170
—— sect. *Micheliani* 174
—— sect. *Micranthi* 174
—— sect. *Monocephales* Beetle ex Van der Veken 175
—— *acaulis* Philippi 174-5
—— *aemulans* Steud. 171
—— *atacamensis* (Philippi) Böckeler 175
—— *beccarii* Böckeler 174
—— *chubutensis* C.B. Clarke 175
—— *deserticola* Philippi 175
—— *distichophyllus* Böckeler 175
—— *grossus* L.f. 169-71
—— *hieronymii* Böckeler 175
—— *laeteflorens* C.B. Clarke 172-3
—— *macrolepis* Philippi 175
—— *maritimus* auct. 173
—— —— L. 172-3
—— —— var. *laeteflorens* (C.B. Clarke) Kükenthal 173
—— —— var. *nobilis* (Ridley) C.B. Clarke 173
—— *maximus* Roxb. 171
—— *nevadensis* S. Watson 175-6
—— *nobilis* Ridley 172-3
—— *nubigenus* Philippi 175
—— *rigidus* Böckeler 175
—— *semisubterraneus* Böckeler 175
—— *sessiliflorus* Philippi 175
—— *spegazzinianus* Barros 175
—— *sylvaticus* L. 169
—— *thermalis* Spruce 175
Sclerochiton: The pollen morphology of Sclerochiton (Acanthaceae: Acantheae), C.A. Furness 51
Sclerochiton: A revision of the African genus Sclerochiton (Acanthaceae: Acantheae), Kaj Vollesen 1
Sclerochiton Harvey 1-6, †7-9, 25, 29, 33, 48, 51-3
—— sect. *Aurantiaca* Vollesen 6, 9, †23

Sclerochiton

Sclerochiton sect. *Blepharopsis* Vollesen 6, 9, 47
—— sect. *Ilicifolia* Vollesen 6, 9, 17, †25
—— sect. *Isacanthus* (Nees) Vollesen 6, 9, †30
—— sect. *Vernicosa* Vollesen 6, 9, †17
—— subgen. *Isacanthus* (Nees) Vollesen 3, 4, 6, 9, †16
—— subgen. *Sclerochiton* 3, 4, 6, †12
—— *albus* De Wild. 45
—— *apiculatus* Vollesen 6, 7, 11, 30, *40, †41, 42
—— *bequaertii* De Wild. 6-8, 11, 35, †36-7, *38, 39
—— *boivinii* (Baill.) C.B. Clarke 2, 6-8, 10, †23, *24, 25, 39, 48
—— *coeruleus* sensu Macnae & Kalk 41
—— —— (Lindau) S. Moore 6, 7, 11, 30, †39, *40, 41, 43
—— *cyaneus* De Wild. 45
—— *gilletii* De Wild. 48
—— *glandulosissimus* Vollesen 6, 7, 11, *34, †35, 52, 53
—— *harveyanus* Nees 1, 2, 6, 7, 9, †12, *14, 48, 51, 52, 53
—— *hirsutus* Vollesen 6, 7, 11, *32, †35
—— *holstii* sensu Moore 46
—— —— (Lindau) C.B. Clarke 46
—— —— S. Moore 46
—— *ilicifolius* Meeuse 6, 7, 10, †25, *27, 29, 51
—— *insignis* (Mildbr.) Vollesen 6, 7, 10, †20, *22
—— *kirkii* (T. Anderson) C.B. Clarke 6, 7, 10, †17, *18-20, 23
—— —— var. *insignis* (Mildbr.) Napper 20
—— *nitidus* (S. Moore) C.B. Clarke 3-7, 9, 10, 17, 25, †47, 48, *49, 53
—— *obtusisepalus* 6, 7, 11, †30, *32, 33, 35-7, 39, 53
—— —— sensu Battiscombe 46
—— —— sensu Burtt Davy 46
—— —— sensu Raynal 36
—— *odoratissimus* Hilliard 1, 6, 7, 9, †13, *14, 48, 53
—— *preussii* (Lindau) C.B. Clarke 6, 7, 9, †20, *22, 23, 25, 39, 48
—— *scissisepalus* C.B. Clarke 46, 47
—— *sousai* Benoist 46
—— *stenostachyus* Lindau 50
—— *tanzaniensis* 6, 7, 11, 26, †33, *34, 35
—— *triacanthus* Meeuse 6, 7, 10, 25, †26, *27, 29
—— *uluguruensis* Vollesen 6, 7, 9-11, 17, 23, 25, 30, 36, †37, *38, 39, 48, 52, 53
—— *vogelii* sensu Dale & Greenway 47
—— —— sensu Heine 46
—— —— (Nees) Anderson 6-8, 11, 17, 30, †42, 43, 46
—— —— subsp. *congolanus* (De Wild.) Vollesen 7, 43, *44, †45, 46
—— —— subsp. *holstii* (Lindau) Napper 7, 8, 43, *44, †46
—— —— subsp. *vogelii* 7, †43, 46
—— sp. *1* sensu White 46
—— sp. *A* 10, 25, †29, 51
—— sp. nr. *bequaertii* 36
Sclerolobium paraense Huber 194
Scott, A.J.: Notes on Compositae-Astereae for the 'Flore des Mascareignes' 339
Scott-Ram, N.R.: Transformed cladistics, taxonomy and evolution (Rev.) 369

Scrophulariaceae

Scrophulariaceae: Four new species of Lindernia (Scrophulariaceae) from East Africa, Eberhard Fischer & F. Nigel Hepper 529
Sebsebe Demissew: A new species of Corchorus (Tiliaceae) from Somalia 355
Secale 315
Sematophyllum sp. 196
Sempervivum L.: Pollen morphology of Jovibarba Opiz and Sempervivum L.(Crassulaceae), J. Parnell 733
Sempervivum L. 733, 735
—— *arachnoideum* L. 734-5
—— *armenum* Boiss. & Heut. 734
—— *atlanticum* Ball 734
—— *atropatanus* J. Parnell 734
—— *borisovae* Wale 734
—— *brevipilum* Muirhead 734
—— *cantabricum* Huber 734-5
—— *caucasicum* Ruprecht 734
—— *ciliosum* Craib 734
—— *davisii* Muirhead 734
—— *dolomiticum* Facchini 733-4
—— *erythraeum* Velenovsky 734
—— *gillianii* Muirhead 734
—— *giuseppii* Wale 734-5
—— *glabrifolium* Borissova 734
—— *grandiflorum* Haworth 734
—— *ingwersonii* Wale 734
—— *iranicum* Born. & Gauba 734
—— *kosaninii* Praeger 734
—— *macedonicum* Praeger 734
—— *marmoreum* Griseb. 734
—— *montanum* L. subsp. *carpaticum* Wettst. ex Hayek 734
—— —— subsp. *montanum* 734
—— *nevadense* Wale 734
—— *pumilum* Bieb. 734
—— *tectorum* L. 734
—— *wulfenii* Hoppe ex Mert. & Koch in Röhling 734
Siderocarpus 493
Sideroxyleae 402, 410
Sideroxylon 382, 386, 389, 391-2, 396, 398, 401, 408, 409, 470, 478
—— *americanum* (Mill.) T.D. Penn. 397, 478
—— *borbonicum* A.DC. 397, 478
—— *boutonianum* A. DC. 399, 478
—— *capiri* (A. DC.) Pittier subsp. *capiri* 394, 478
—— *celastrinum* (Kunth) T.D. Penn. 396-7, 478
—— *confertum* Wright 397, 478
—— *contrerasii* (Lundell) T.D. Penn. 399, 478
—— *cubense* (Griseb.) T.D. Penn. 397, 478
—— *discolor* A.R. Smith 392, 478
—— *eriocarpum* (Greenm. & Conz.) T.D. Penn. 396, 478
—— *floribundum* Griseb. subsp. *belizense* (Lundell) T.D. Penn. 397, 478
—— —— subsp. *floribundum* 397, 478
—— *foetidissimum* Jacq. subsp. *foetidissimum* 397, 478
—— *galeatum* (Hill) Baehni 397, 478
—— *gerrardianum* (Hook.f.) Aubrév. 397, 478
—— *ibarrae* (Lundell) T.D. Penn. 396, 478
—— *inerme* L. 390, 478
—— *jubilla* (Ekman ex Urban) T.D. Penn. 397, 478
—— *leucophyllum* Watson 390, 478

Sideroxylon

Sideroxylon lycioides L. 396, 479
—— *mascatense* (A. DC.) T.D. Penn. 390, 479
—— *mermulano* Lowe 397, 479
—— *microphyllum* (Elliott) Baehni 393, 479
—— *montanum* (Swartz) T.D. Penn. 397, 479
—— *obtusifolium* (Roem. & Schultes) T.D. Penn. subsp. *buxifolium* (Roem. & Schultes) T.D. Penn. 397, 479
—— *occidentale* (Hemsl.) T.D. Penn. 397, 479
—— *oxycanthum* Baill. 387, 408, 479
—— *portoricense* Urban subsp. *minutiflorum* (Pittier) T.D. Penn. 397, 479
—— —— subsp. *portoricense* 392, 402, 479
—— *puberulum* A. DC 396, 479
—— *reclinatum* Michaux 402, 479
—— *rotundifolium* (Swartz) T.D. Penn. 397, 479
—— *salicifolium* (L.) Gaertn. 400, 479
—— *saxorum* Lec. 400, 479
—— *tenax* L. 397, 479
—— *wightianum* Hook. & Arn. 390, 479
—— sp. 399, 479
Simpson, D.A. & Goetghebeur, P.: Critical notes on Actinoscirpus, Bolboschoenus, Isolepis, Phylloscirpus and Amphiscirpus (Cyperaceae) 169
Singh, N.P. & Jagtap, A.P.: A new combination in Wattakaka (Asclepiadaceae) 359
Siphonocarpus parvus 271
Siphonochilus: A new species of Siphonochilus (Zingiberaceae) from Tanzania, J.M. Lock 269
Siphonochilus aethiopicus (Schweinf.) B.L. Burtt 269, 271
—— *evae* (Gagnep.) B.L. Burtt 271
—— *parvus* Lock †269, *270
—— *rhodesicus* (R.E. Fries) Lock 271
Smith, R.H. & Lewis, G.P.: A new combination in Clitoria (Leguminosae-Papilionoideae) 320
Solanaceae †545
Solanum L. †545
—— *anguivi* Lam. 545
—— *indicum* L. sensu C.B. Clarke 545
—— —— var. *multiflorum* Wight ex C.B. Clarke 545
—— *violaceum* Ortega †545
—— —— subsp. *multiflorum* (C.B. Clarke) K. Matthew †545
—— —— subsp. *violaceum* †545
—— sp. 195, 198
Solomon Islands: Coelogyne susanae, a new species of Orchidaceae from the Solomon Islands and Bougainville, B.A. Lewis & P.J. Cribb 317
Soltis, D.E., Soltis, P.S. (Eds.) & Dudley, Theodore R. (Gen. Ed.): Isozymes in Plant Biology (Rev.) 587
Somalia: A new genus of Amaranthaceae from Somalia. Notes on Amaranthaceae: XXII, C.C. Townsend 101
Somalia: A new species of Corchorus (Tiliaceae) from Somalia, Sebsebe Demissew 355
Somalia: A new species of Turraea (Meliaceae) from Somalia and a note on the species in continental Africa, Martin Cheek 683

Some effects

Some effects of colonization on the tropical flora of Amazonia: a case study from Rondônia, Pedro L.B. Lisboa, Ubirajara N. Maciel & Ghillean T. Prance 187
Some new species of Gramineae from Ethiopia, S.M. Phillips 535
Sommieria 66
Sonneratia alba J.E. Smith 418
Sonneratiaceae 411, 418
Sophora obliqua Pers. 159, 160
Sphincterostigma bipinnatifidum Schott 634
Spichiger, Rodolphe, Méroz, Jacqueline, Loizeau, Pierre-André & Stutz de Ortega, Liliane: Contribución a la Flora de la Amazonia Peruana. Los árboles del Arboretum Jenaro Herrera Volumen 1 Moraceae a Leguminosae (Rev.) 587
Spilanthes sp. 195, 198
Spondias lutea L. 198
Spooner, B.M.: Lophodermium and Hypoderma (Rhytismatales) from Mt Kinabalu, Sabah 73
Srivastava, R.C.: Drug-Plant Resources of Central India (An Inventory) (Rev.) 588
Stachytarpheta chamissonis Walp.: Stachytarpheta sericea Atkins (Verbenaceae) and its hybrid with S. chamissonis Walp., Sandy Atkins 281
Stachytarpheta sericea Atkins (Verbenaceae) and its hybrid with S. chamissonis Walp., Sandy Atkins 281
Stachytarpheta 281-2, 284
—— *candida* Moldenke 281
—— *caraçana* Glaz. 281-2
—— *cayennensis* 289
—— *chamissonis* Walp. 282, 284, *285, 287
—— *glazioviana* Loes. 281
—— × *hybrida* 289
—— *indica* 289
—— *jamaicensis* 287, 289
—— *mutabilis* 287
—— *prostrata* Glaz. 281
—— *sericea* Atkins †282, *283-4, 287
—— —— Loes. 281-2
—— —— × *chamissonis* 284, *285, 287
—— *strigosa* 289
—— group *Subspicatae* 284
Stanley, T.D., Ross, E.M.: Flora of Southeastern Queensland. Volume 3 (Rev.) 374
Stearn, William T.: Flower Artists of Kew (Rev.) 589
Stelis endresii Reichb.f. 192
Stenandriopsis 3, 53
Sterculiaceae: Hildegardia (Sterculiaceae) new to Australia, Martin Cheek & Greg Leach 72
Stevens, P.F. *Reviewer*: Plant Taxonomy. The Systematic Evaluation of Comparative Data, by T.F. Stuessy 590
Stewart, Joyce *Reviewer*: Hardy Orchids, by Phillip Cribb & Christopher Bailes 363
Storrar, Clare D.: Four Faces of Fourcade. A biography of a remarkable Forester, Land Surveyor, Botanist and Photogrammetrist (Notice) 599
Streptosiphon 3
Strobilanthes 6
Strobopetalum bentii 327
Stryphnodendron colombianum Britton & Killip 358

Stuessy, T.F.
Stuessy, T.F.: Plant Taxonomy. The Systematic Evaluation of Comparative Data (Rev.) 590
Styracaceae 421, 422
Styrax L. 422
Suaeda Forssk. ex Scop.: Notes on Suaeda Forssk. ex Scop. Studies in the Chenopodiaceae of Arabia: 2, Loutfy Boulos 291
Suaeda Forssk. ex J.F. Gmel. 294
—— Forsskål ex Scop. †291, 294
—— *aegyptiaca* (Hasselq.) Zoh. 294, †295
—— *baccata* Forssk. 294, 295
—— *fruticosa* (L.) Forssk. 292, 294
—— —— Gmel. 294
—— *hortensis* Forssk. 294-5
—— *maris-mortui* Post 295
—— *mesapotamica* Eig 292, 294
—— *mollis* (Desf.) Del. 294
—— *monica* Forssk. †296
—— *monoica* Forssk. ex J.F. Gmel. 295-6
—— *vera* Forssk. ex J.F. Gmelin 291
—— *vermiculata* Forssk. 291, †292
—— *volkensii* C.B. Clarke 292, 294
Suregada: Notes on Madagascan Euphorbiaceae IV: The genus Suregada in Madagascar and the Comoro Is., A. Radcliffe-Smith 711
Suregada 711, 715, 717
—— tribe *Gelonieae* (Muell. Arg.) Pax 711
—— *adenophora* Baill. 712, 722, †725
—— *baronii* (S. Moore) Croizat 712
—— —— var. *ivohibensis* Leandri 715
—— *barorum* Leandri 720
—— *boiviniana* Baill. 711, †712-3, 715, 717, 720, 722
—— —— var. *boiviniana* 712-3
—— —— var. *grandifolia* Leandri ex A. R.-Sm. †712
—— —— var. *meridionalis* Leandri ex A.R. Sm. 713
—— *bracteata* A.R.-Sm. †711, 713, *714-5, 717, 720, 722
—— *capuronii* Leandri 712, †720
—— *chauvetiae* Leandri 717
—— *comorensis* (S. Moore) Croizat 711, †712
—— *crenulata* Baill. 725
—— *decidua* A.R.-Sm. 711, *716, †717, 720
—— *eucleoïdes* A.R.-Sm. 712, *719, †720
—— *euri* Leandri 725
—— *gaultheriifolia* A.R.-Sm. 711, †715, *721
—— *grandiflora* A.R.-Sm. 712, 722, *723, †725
—— *guerelae* Leandri 722
—— *humberti* Leandri 711, 717, †718
—— *kalavelo* Leandri 712
—— *laurina* Baill. 711, †712
—— *nigricaulis* A.R.-Sm. 712, †722, *724
—— *perrieri* (Leandri) A.R.-Sm. 712, †720
—— *pycnanthera* (Pax & K. Hoffm.) Croizat 712
—— *tankaro* Leandri 713
Swietenia macrophylla King 193-4, 199
Symplocaceae 421-3
Symplocos Jacq. 422
A synopsis of Chenopodium L. Studies in the Chenopodiaceae of Arabia: 4, Loutfy Boulos 301
Synoum A. Juss. 423
Synsepalum (A. DC.) Baill. 386, 389, 391-2, 408, 410, 411, 471, 490
—— *afzelii* (Engler) T.D. Penn. 391-2, 490
Synsepalum
Synsepalum brevipes (Baker) T.D. Penn. 391-2, 490
—— *cerasiferum* (Welwitsch) T.D. Penn. 388, 408, 490
—— *dulcificum* (Schum. & Thonn.) Dub. 390, 490
—— *gabonense* (Aubrev. & Pellegr.) T.D. Penn. 388, 490
—— *gabonensis* 408
—— *glycydorum* (Engler) T.D. Penn. 390, 490
—— *msolo* (Engler) T.D. Penn. 393, 490
—— *passargei* (Engler) T.D. Penn. 392
—— *sereti* (De Wild.) T.D. Penn. 392, 490
—— *subverticillatum* (Bruce) T.D. Penn. 393, 490
Syrrhopodon incompletus Schwaegr. 196
The systematic position of Arisaema nepenthoides and A. wattii (Araceae), Jin Murata 119

Tabebuia serratifolia (Vahl) Nichols 194
Talauma ovata 621
Tan, Kit (Ed.): Plant Taxonomy, Phytogeography and Related Subjects: The Davis and Hedge Festschrift (Rev.) 183
Tanzania: A new species of Siphonochilus (Zingiberaceae) from Tanzania, J.M. Lock 269
Tanzania: A new suffruticose Psilotrichum from Tanzania. Notes on Amaranthaceae: XXIII, C.C. Townsend 573
Taxithelium planum (Brid.) Mitt. 196
—— sp. 196
Taxodiaceae 262
Taylor, Peter: The genus Utricularia-a taxonomic monograph. Kew Bulletin Additional Series XIV (Rev.) 183
Tetracolporopollenites brevis Frederiksen 420
—— *halimbaense* KDS 417
—— *kirchheimeri* (Reiss.) Thoms. & Pflug 417
—— *manifestus* R. Pot. subsp. *contractus* Pflug 417
—— *megadolium* R. Pot. 417
—— *obscurus* Pflug 417
—— *occultus* Pflug & Thoms. 418
—— *sapotoides* Pflug & Thoms. 417
Tetragastris Gaertn. 417, 423
—— *altissima* (Aubl.) Swart 194
Thaumatophyllum spruceanum Schott 649, 651
Theobroma cacao L. 192-4
—— *speciosum* Spreng. 194
Thouarlia canescens 343
Thouinia ligustrina Sw. 274
Three Australian species of Cheilanthes: a response to P.S. Green, T.C. Chambers & P.A. Farrant 727
Thuidium involvens (Hedw.) Mitt. 195-6
—— sp. 196
Thulin, Mats: Gyrocarpus angustifolius (Hernandiaceae), a distinct northeast African tree species 277
Tieghemella 389, 392, 416, 470, 472
—— *africana* Pierre 390, 472
—— *heckelii* Pierre ex Chev. 394, 418, 472
Tiliaceae: A new species of Corchorus (Tiliaceae) from Somalia, Sebsebe Demissew 355

Tomlinson, P.B.

Tomlinson, P.B.: Structural Biology of Palms (Rev.) 593
Torenia 529
Tornelia fragrans 675
Torresia acreana Ducke 193-4, 199
Townsend, C.C.: A new genus of Amaranthaceae from Somalia. Notes on Amaranthaceae: XXII 101
Townsend, C.C.: A new suffruticose Psilotrichum from Tanzania. Notes on Amaranthaceae: XXIII 573
Townsend, C.C. *Reviewer*: Glossarium Polyglottum Bryologiae. A multilingual glossary for bryology. Monograph in Systematic Botany from the Missouri Botanical Garden No. 333, by R.E. Magill (Ed.) 367
Trattinickia Willd. 423
Trema micrantha (L.) Blume 198
Trichilia P. Br. 423
Trichomanes tenuifolia Burm.f. 727
Trichoporus sp. 623
Trichosteleum guianae (C. Müll.) Broth. 197
—— sp. 195, 197
Tricolporopollenites glaber 417
—— *globus* 417
—— *latizonatus* McIntyre 418
Tridesmostemon Engl. 491
—— *omphalocarpoides* Engl. 395, 491
Trigonidium acuminatum Baten. ex Lindl. 192
Triomma Hook.f. 422
Tsebona Cap. 386, 388, 471, 491
—— *macrantha* Cap. 388, 408, 420, 491
Turraea: A new species of Turraea (Meliaceae) from Somalia and a note on the species in continental Africa, Martin Cheek 683
Turraea L. 423, 683, 687-9
—— *abyssinica* Hochst. ex A. Rich. 688
—— *adjanohounii* Aké Assi 688
—— *barbata* White & Styles 687
—— *cabrae* Wild. & Th. Dur. 688
—— *cornucopia* Styles & White 683, 687
—— *fischeri* Guerke 683, 687, 689
—— —— group 687-8
—— *floribunda* Sm. 689
—— —— group 688
—— *ghanensis* J.B. Hall 688
—— *heterophylla* J. Sm. 688
—— *holstii* Guerke 688
—— *kimbozensis* Cheek 688
—— *kokwaroana* F. White & Styles 687
—— *laurentii* De Wild. 688
—— *leonensis* Keay 688
—— *mombassana* group 687-8
—— *nilotica* Kotschy & Peyr. 687
—— *obtusifolia* Hochst. 687
—— *parvifolia* Deflers 683, 687-9
—— *pellegriniana* Keay 688
—— *pevelingii* Cheek †683, 686-8
—— *pulchella* (Harms) T. Penn. 688
—— —— group 688
—— *robusta* Guerke 687
—— —— group 687-9
—— *sericea* J. Sm. 688
—— *stolzii* Harms 688
—— *streyi* F. White & Styles 688
—— *vogelii* Hook.f. 687-8
—— —— group 688
—— *vogelioides* Bagshw. & Bak.f. 688

Turraea

Turraea wakefieldii Hochst. 688
—— *zambesica* Styles & White 687
—— sp. nov. 683
—— sp. aff. *parvifolia* Deflers 683
Two new species of Neotropical Chrysobalanaceae, G.T. Prance 105
Two new subspecies of Leucaena (Leguminosae: Mimosoideae) from Guatemala, C.E. Hughes 547
Tylophora biglandulosa: The distribution and synonymy of Tylophora biglandulosa (Asclepiadaceae), Paul I. Forster 563
Tylophora R. Br. 563, 566
—— *acutipetala* Guillaumin 564, 566
—— *aneityensis* Guill. 564, 566
—— *biglandulosa* (Endl.) F. Muell. †563, *565-6
—— *brackenridgei* A. Gray 563, 566
—— *enervis* F. Muell. 563
—— *flexuosa* R. Br. 563, 566
—— *glabriflora* (Warb.) Schltr. 566
—— *insulincola* S. Moore 564
—— *kenejiana* Schltr. 566
—— *tannaensis* Guillaumin 564, 566
—— *tapeinogyne* Schltr. 563, 566
—— —— var. *glabrata* Schltr. 563, 566
Typhonium: A new combination in Typhonium (Araceae), J. Murata & S.J. Mayo 129
Typhonium 129, 131
—— *giganteum* Engler *130, 131
—— *hirsutum* (S.Y. Hu) J. Murata & Mayo †129, *130-1
—— *horsfieldii* (Miq.) van Steenis 131
Typhonodorum 627

Urera caracasana (Jacq.) Griseb. 198, 202

Valeriana L. †543
—— *beddomei* C.B. Clarke 543-4
—— *hookeriana* Wight & Arn. 543, †544
—— *microphylla* Beddome 544
Valerianaceae †543
Vanilla pompona Schiede 192
Variation in Croton capitis-vork (Euphorbiaceae), Paul I. Forster 569
Vavaea Benth. 423
Vellozia: A new species of Vellozia from the Espinhaço Range, Brazil, with some considerations on the section Xerophytoides, Renato de Mello-Silva 321
Vellozia Vand. 321, 325
—— sect. *Radia* 321
—— sect. *Vellozia* 321, 325
—— Vand. sect. *Xerophytoides* L.B. Smith & Ayensu †321, 325
—— *abietina* Mart. 325
—— *exilis* Goeth. & Henr. 325
—— *laevis* L.B. Smith 325
—— *maxillarioides* L.B. Smith 325
—— *minima* Pohl 325
—— *prolifera* Mello-Silva †321, *322, 325
—— *scoparia* Goeth. & Henr. 325
—— *sellowii* Seubert 325
Velloziaceae 321

Verbenaceae

Verbenaceae: Stachytarpheta sericea Atkins (Verbenaceae) and its hybrid with S. chamissonis Walp., Sandy Atkins 281
Verbenaceae 281-2
Verdcourt, B.: A new combination in Adiantum (Adiantaceae) 272
Vernonia ferruginea Less. 202
—— *mattogrossensis* Hier. 195, 198, 202
Vesicularia amphibola (Mitt.) Broth. 197
Vincetoxicum biglandulosum (A. Gray) O. Kuntze 566
—— *enerve* (F. Muell.) O. Kuntze 563
Virola 197
Vitellaria Gaertn.f. 396, 418, 470, 472
—— *paradoxa* Gaertn.f. 397, 472
Vitellariopsis Baill. 396, 470, 472
—— *kirkii* (Baker) Dub. 397, 472
Voanioala 61
Vollesen, K. & Furness, C.A.: The identity of Asystasia striata S. Moore (Acanthaceae) 729
Vollesen, Kaj: A revision of the African genus Sclerochiton (Acanthaceae: Acantheae) 1

Wagner, Warren L., Herbst Derral D. & Sohmer, S.H.: Manual of the Flowering Plants of Hawai'i (Rev.) 595
Warren, M.S. & Fuller, R.J.: Woodland rides and glades: their management for wildlife (Notice) 598
Wattakaka: A new combination in Wattakaka (Asclepiadaceae), A.P. Jagtap & N.P. Singh 359
Wattakaka (Decne) Hassk. 359
—— sect. *Wattakaka* 359
—— *angustifolia* (Hook.f.) S. Deshpande 360
—— *lanceolata* (Cooke) Jagtap & N.P. Singh †359, 360
—— *volubilis* (Linn.f.) Stapf 359
—— —— var. *lacuna* (Hook.f.) Rahman & Wilcock 359
Weberling, F. & Pankhurst, R.J. (Transl.): Morphology of flowers and inflorescences (Rev.) 375
Wheeler, E.A., Baas, P. & Gasson, P.E. (Eds.): IAWA list of microscopic features for hardwood identification by an IAWA Committee. IAWA Bulletin n.s. 10 (3) (Rev.) 376
White, D.J.B. *Reviewer*: IAWA list of microscopic features for hardwood identification by an IAWA Committee. IAWA Bulletin n.s. 10 (3), by E.A. Wheeler, P. Baas & P.E. Gasson (Eds.) 376
Whitfieldia 729, 731
—— *striata* †731
—— *stuhlmannii* C.B. Clarke 730
Whitfildia striata (S. Moore) Vollesen 731
Whitmore, T.C.: An introduction to tropical rain forests (Rev.) 597
Wilmot-Dear, C.M.: Mucuna hainanensis Hayata subsp. multilamellata Wilmot-Dear: a new name for a long-known taxon (Leguminosae-Phaseoleae) and a key to related species 205
Wilmot-Dear, C.M.: A revision of Mucuna (Leguminosae-Phaseoleae) in the Philippines 213

Wofford, B. Eugene

Wofford, B. Eugene: Guide to the Vascular Plants of the Blue Ridge (Notice) 186
Wood, Jeffrey *Reviewer*: A Revision of the Indian Species of Oberonia (Orchidaceae). Orchid Monographs. Vol. 4, by R. Ansari & R. Balakrishnan 577

Xantolis Rafin. 386, 391-2, 410, 471, 491
—— *assamica* (C.B. Clarke) Royen 387, 408, 491
—— *burmanica* (Coll. & Hemsl.) Royen 387, 408, 491
—— *embeliifolia* (Merrill) Royen 387, 408, 491
—— *racemosa* (Dub.) Royen 393, 491
—— *siamensis* (Fletcher) Royen 393, 491
—— *tomentosa* (Roxb.) Raf. 391, 491
Xerophyta 325
Xerophytoides: A new species of Vellozia from the Espinhaço Range, Brazil, with some considerations on the section Xerophytoides, Renato de Mello-Silva 321

Yatskievych, G. & Turner, J.: Catalogue of the Flora of Missouri (Notice) 746
Yemen, South: Notes on Arabian Euphorbiaceae III. A new Jatropha from former South Yemen, A. Radcliffe-Smith 327

Zanthoxylum regnellianum Engl. 198
Zingiberaceae: A new species of Siphonochilus (Zingiberaceae) from Tanzania, J.M. Lock 269
Zygia: New species, combinations and synonyms for Zygia, Cojoba, Marmaroxylon and Pithecellobium (Leguminosae-Mimosoideae, Ingeae), Maria de L. Rico-Arce 493
Zygia P. Browne 493, †494-5, 502, 507
—— sect. *Callozygia* (Barbosa) L. Rico 495, 500, 506
—— sect. *Macrophylla* L. Rico †495-6, 502
—— sect. *Zygia* †495, 500
—— *ampla* 500-1
—— *andaquiensis* (Barbosa) L. Rico 495
—— *bifoliola* (Rusby) L. Rico †495-6, 498
—— *brenesii* (Standley) L. Rico †495
—— *brevifolia* Sudw. 519
—— *cataractae* (Kunth) L. Rico †496
—— *cauliflora* 506
—— *chagrensis* (Pittier) L. Rico †496
—— *coccinea* (G. Don) L. Rico †496
—— *confusa* L. Rico †496, *497, 520
—— *cupirensis* (Barbosa) L. Rico †498
—— *cuspidata* Killip ex L. Rico †498, *499, 500
—— *dependens* (Rusby) L. Rico †500
—— *dulcis* (Roxb.) Lyons 518
—— *flexicaulis* (Benth.) Sudw. 519
—— *foreroi* (Barbosa) L. Rico †500
—— *gigantifoliola* (Schery) L. Rico †500
—— *guinetii* L. Rico, *499, †500, 501
—— *hernandezii* (Barbosa) L. Rico †501
—— *huberi* (Ducke) L. Rico †501

Zygia

Zygia juruana (Harms) L. Rico 500, †501
—— *latifolia* (L.) Fawcett & Rendle 494-5
—— *lehmannii* (Harms) Britton & Rose 495, 498
—— *longiramosa* (Ducke) L. Rico †501
—— *macbridei* (Barbosa) L. Rico 500, †501
—— macrophylla (Spruce ex Benth.) L. Rico 495, †501
—— *megistocarpa* (Barbosa) L. Rico †502
—— *obolingoides* L. Rico 495, †502, *503-4
—— *odoratissima* (Ducke) L. Rico †504
—— *oriunda* (Macbride) L. Rico †504-5
—— *palmana* (Standley) L. Rico †504
—— *paucijugata* (Lundell) L. Rico †504

Zygia

Zygia picramnioides (Standley) Killip ex L. Rico †504
—— *pithecolobioides* 496, 498
—— recordii Britton & Rose †505
—— *reducta* (Malme) L. Rico †504
—— *saman* (Benth.) Lyons 520
—— —— (Jacq.) Lyons 520
—— *sanguinea* (Benth.) L. Rico †505
—— *schultzeana* (Harms) L. Rico †505
—— *selloi* (Benth.) L. Rico †505
—— *solomonii* (Barbosa) L. Rico †505
—— *stipularis* (Benth.) L. Rico †506
—— *trunciflora* (Ducke) L. Rico †506
—— *unifoliolata* 496, 498
—— *vasquezii* L. Rico *499, †506

Printed in UK for HMSO
0293666 2/93 C6